

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091718\
 Data File : BE097505.D
 Acq On : 17 Sep 2018 20:52
 Operator : SJ/JU
 Sample : J4892-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 18 05:51:49 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 17 18:57:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	952	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	4173	0.40	ng	0.00
13) Acenaphthene-d10	14.00	164	2323	0.40	ng	0.00
19) Phenanthrene-d10	16.76	188	6463	0.40	ng	0.00
27) Chrysene-d12	20.97	240	8593	0.40	ng	0.00
34) Perylene-d12	23.21	264	8759	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	569	0.18	ng	0.00
5) Phenol-d6	6.63	99	302	0.07	ng	0.03
8) Nitrobenzene-d5	8.53	82	1327	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	11.72	152	2539	0.43	ng	0.00
14) 2,4,6-Tribromophenol	15.54	330	8	0.01	ng	0.01
15) 2-Fluorobiphenyl	12.62	172	4779	0.59	ng	0.00
25) Fluoranthene-d10	18.80	212	39960	0.51	ng	0.00
29) Terphenyl-d14	19.42	244	7988	0.49	ng	0.00

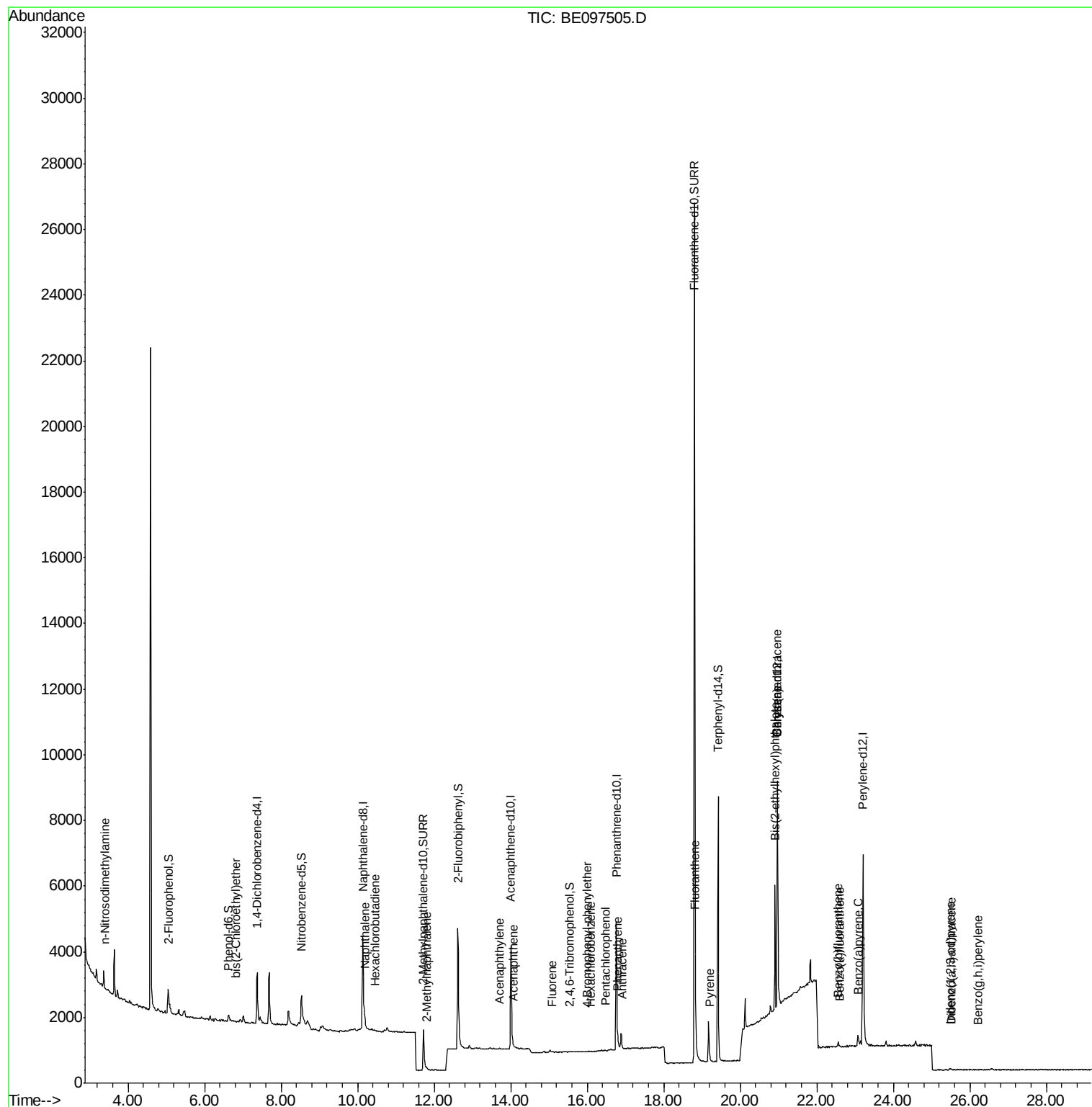
Target Compounds				Qvalue		
3) n-Nitrosodimethylamine	3.40	42	15	0.011	ng	# 1
6) bis(2-Chloroethyl)ether	6.83	93	3	0.001	ng	# 1
9) Naphthalene	10.19	128	694	0.018	ng	# 75
10) Hexachlorobutadiene	10.45	225	2	0.001	ng	# 17
12) 2-Methylnaphthalene	11.80	142	47	0.008	ng	# 62
16) Acenaphthylene	13.72	152	11	0.001	ng	# 69
17) Acenaphthene	14.07	154	9	0.001	ng	# 28
18) Fluorene	15.07	166	29	0.004	ng	# 83
20) 4-Bromophenyl-phenylether	16.00	248	1	0.000	ng	# 53
21) Hexachlorobenzene	16.10	284	5	0.002	ng	# 38
22) Pentachlorophenol	16.47	266	2	0.043	ng	# 92
23) Phenanthrene	16.80	178	195	0.013	ng	# 80
24) Anthracene	16.90	178	14	0.001	ng	# 41
26) Fluoranthene	18.83	202	104	0.005	ng	# 60
28) Pyrene	19.20	202	89	0.004	ng	# 84
30) Benzo(a)anthracene	20.97	228	54	0.002	ng	# 1
31) Chrysene	20.97	228	50	0.002	ng	# 1
32) Bis(2-ethylhexyl)phthalate	20.91	149	4231	0.088	ng	# 100
33) Indeno(1,2,3-cd)pyrene	25.50	276	2	0.000	ng	# 1
35) Benzo(b)fluoranthene	22.56	252	72	0.003	ng	# 1
36) Benzo(k)fluoranthene	22.59	252	22	0.001	ng	# 1
37) Benzo(a)pyrene	23.10	252	6	0.000	ng	# 1
38) Dibenzo(a,h)anthracene	25.52	278	1	0.000	ng	# 1
39) Benzo(g,h,i)perylene	26.21	276	1	0.000	ng	# 1

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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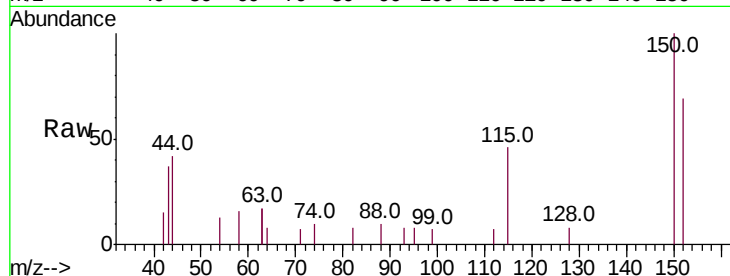


#1

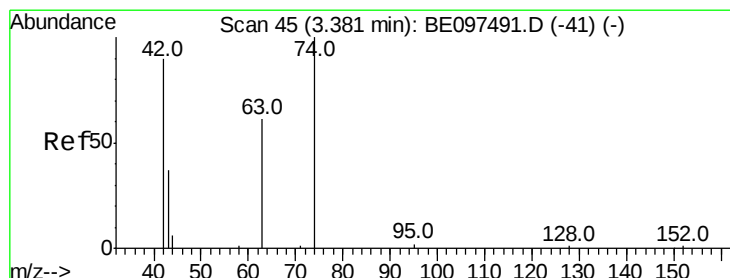
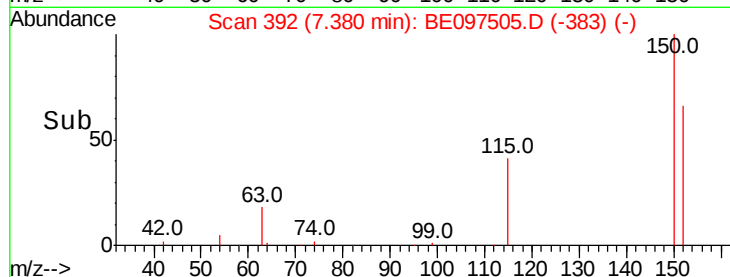
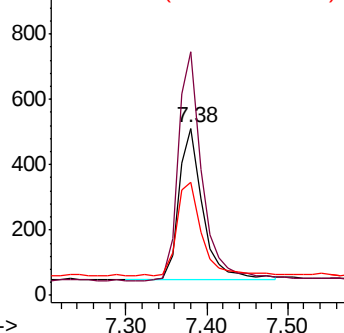
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. 0.00 min
Lab File: BE097505.D
Acq: 17 Sep 2018 20:52

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 952
Ion Ratio Lower Upper
152 100
150 145.5 117.2 175.8
115 67.4 57.0 85.6



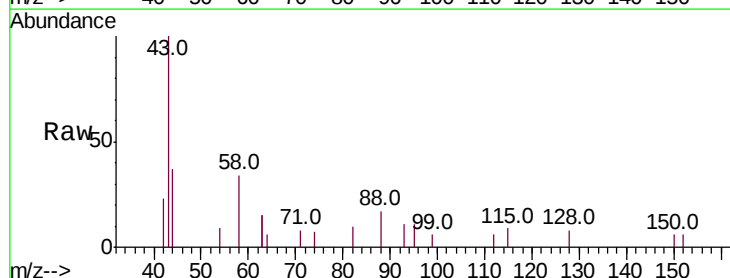
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



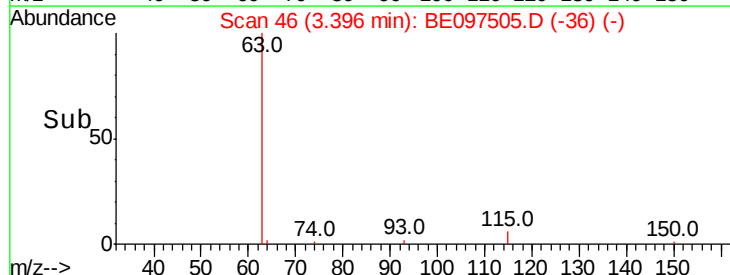
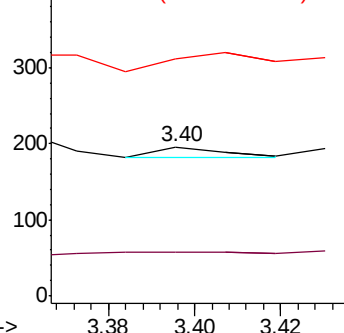
#3

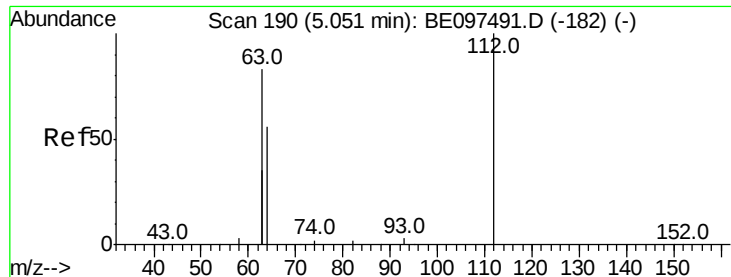
n-Nitrosodimethylamine
Concen: 0.011 ng
RT: 3.40 min Scan# 46
Delta R.T. 0.01 min
Lab File: BE097505.D
Acq: 17 Sep 2018 20:52

Tgt Ion: 42 Resp: 15
Ion Ratio Lower Upper
42 100
74 0.0 96.0 144.0#
44 253.3 12.0 18.0#



Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 0.176 ng

RT: 5.05 min Scan# 190

Delta R.T. 0.00 min

Lab File: BE097505.D

Acq: 17 Sep 2018 20:52

Instrument :

BNA_E

ClientSampleId :

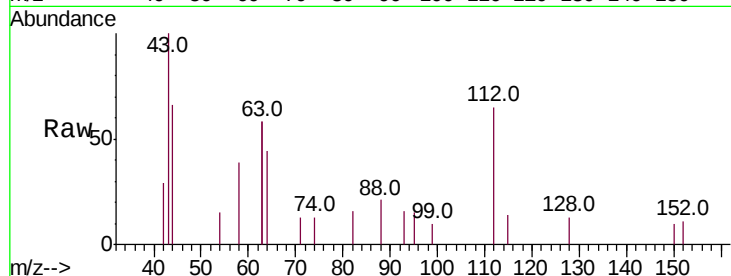
Tot Ion: 112 Resp: 569

Ion Ratio Lower Upper

112 100

64 68.2 60.1 90.1

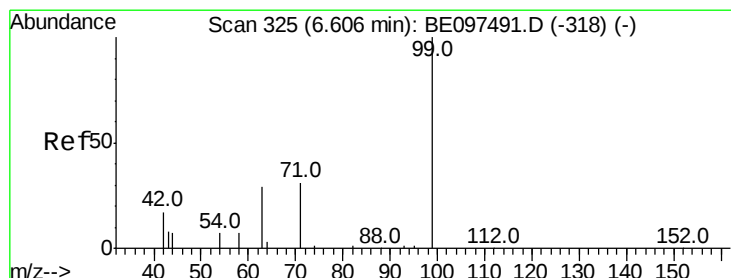
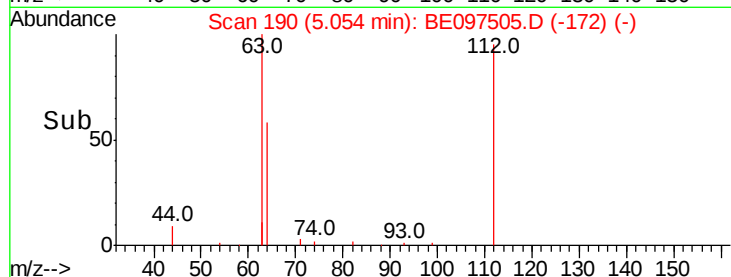
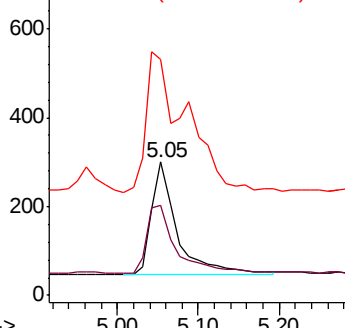
63 191.9 116.8 175.2#



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.074 ng

RT: 6.63 min Scan# 327

Delta R.T. 0.03 min

Lab File: BE097505.D

Acq: 17 Sep 2018 20:52

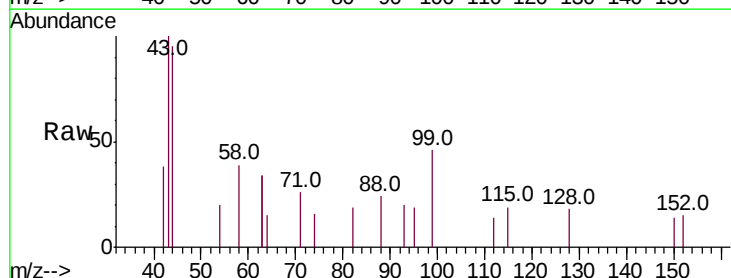
Tgt Ion: 99 Resp: 302

Ion Ratio Lower Upper

99 100

42 15.2 20.2 30.2#

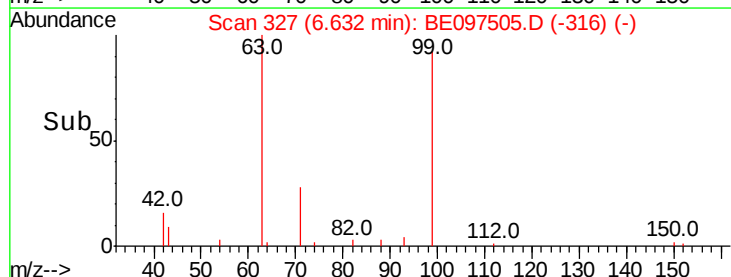
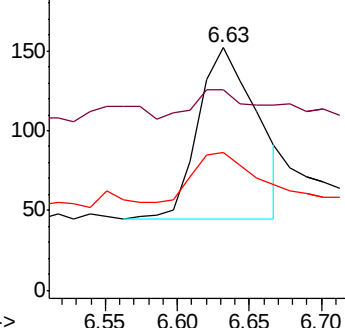
71 29.1 28.4 42.6

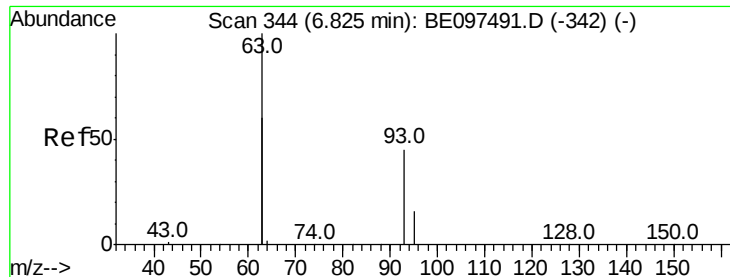


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.001 ng

RT: 6.83 min Scan# 344

Delta R.T. 0.00 min

Lab File: BE097505.D

Acq: 17 Sep 2018 20:52

Instrument :

BNA_E

ClientSampleId :

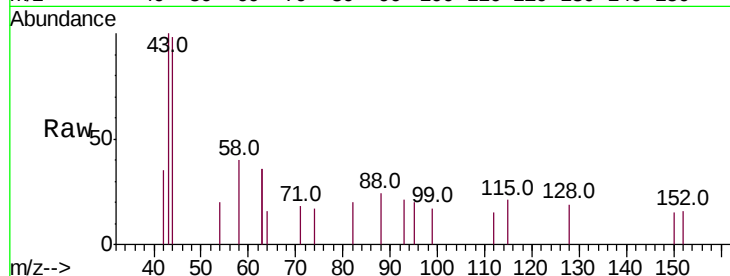
Tot Ion: 93 Resp: 3

Ion Ratio Lower Upper

93 100

63 0.0 275.3 412.9#

95 0.0 25.2 37.8#



Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0

300

250

200

150

100

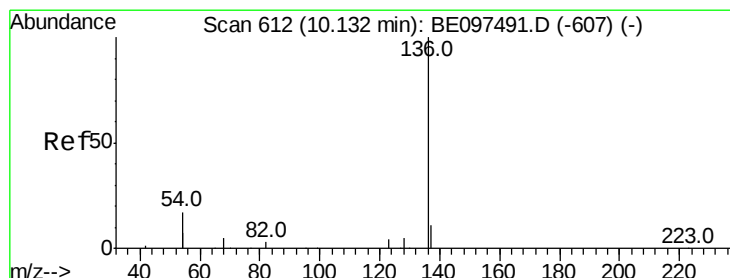
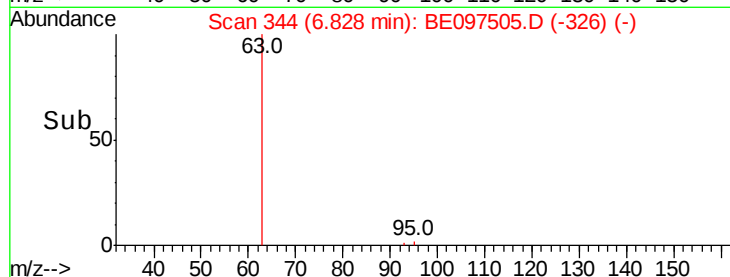
50

0

6.83

6.78 6.80 6.82 6.84

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.13 min Scan# 612

Delta R.T. 0.00 min

Lab File: BE097505.D

Acq: 17 Sep 2018 20:52

Tgt Ion: 136 Resp: 4173

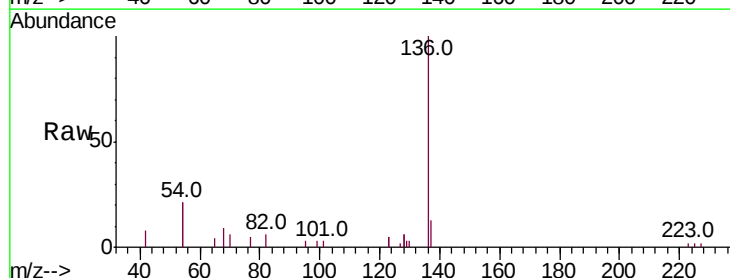
Ion Ratio Lower Upper

136 100

137 13.0 9.5 14.3

54 41.1 29.1 43.7

68 9.0 6.2 9.2



Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0

3000

2500

2000

1500

1000

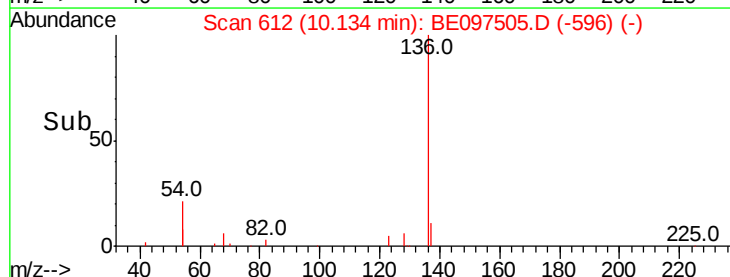
500

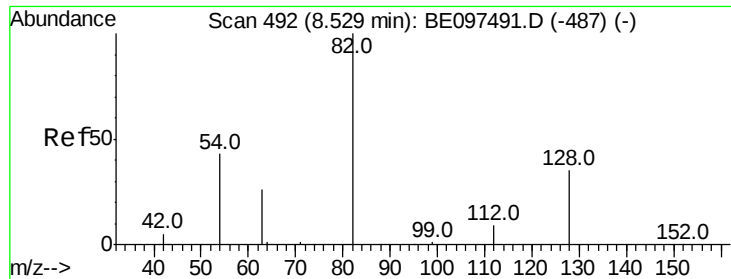
0

10.13

10.00 10.20

Time-->





#8

Nitrobenzene-d5

Concen: 0.395 ng

RT: 8.53 min Scan# 492

Delta R.T. 0.00 min

Lab File: BE097505.D

Acq: 17 Sep 2018 20:52

Instrument :

BNA_E

ClientSampleId :

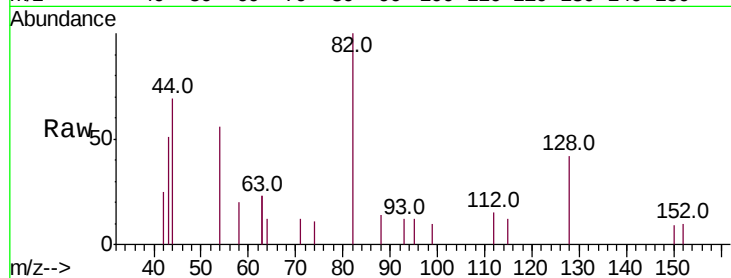
Tot Ion: 82 Resp: 1327

Ion Ratio Lower Upper

82 100

128 42.3 24.0 36.0#

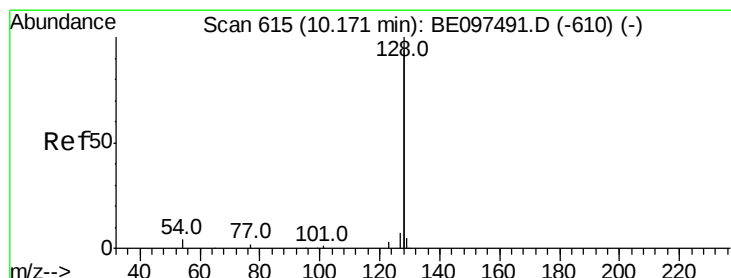
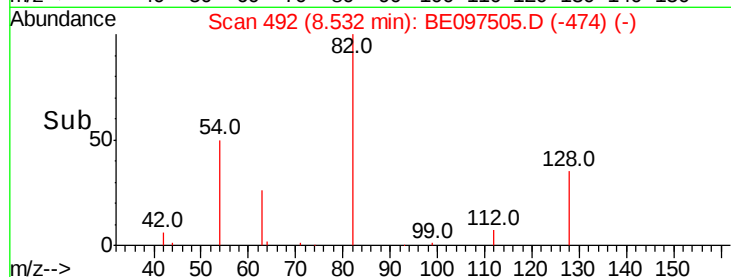
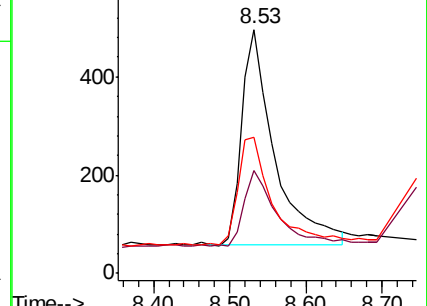
54 55.8 40.0 60.0



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#9

Naphthalene

Concen: 0.018 ng

RT: 10.19 min Scan# 616

Delta R.T. 0.01 min

Lab File: BE097505.D

Acq: 17 Sep 2018 20:52

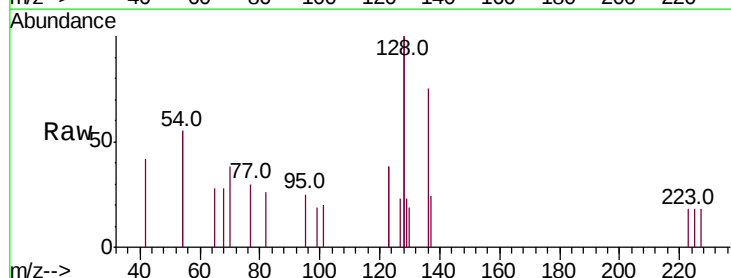
Tgt Ion:128 Resp: 694

Ion Ratio Lower Upper

128 100

129 11.7 2.6 3.8#

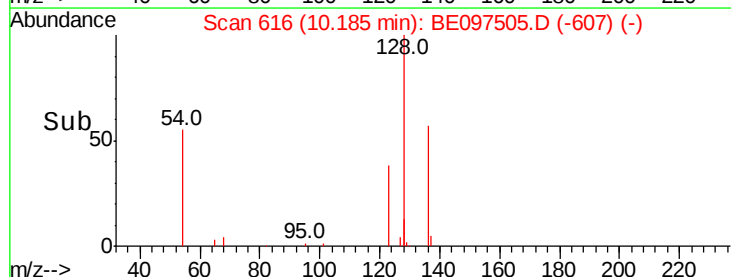
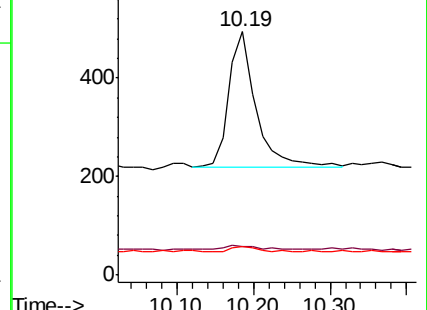
127 11.7 2.8 4.2#

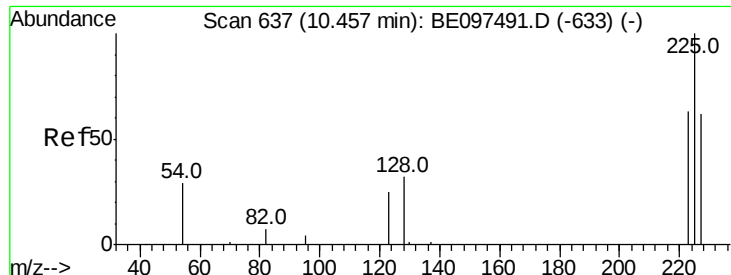


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#10

Hexachlorobutadiene

Concen: 0.001 ng

RT: 10.45 min Scan# 636

Delta R.T. -0.01 min

Lab File: BE097505.D

Acq: 17 Sep 2018 20:52

Instrument :

BNA_E

ClientSampleId :

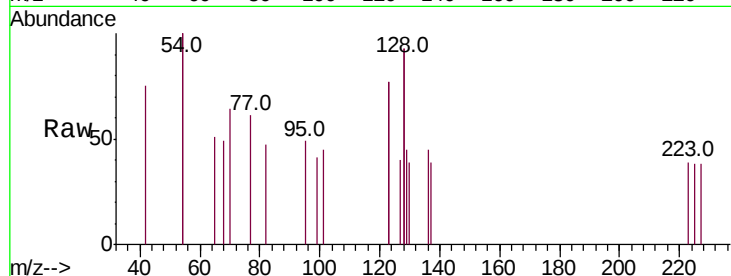
Tot Ion:225 Resp: 2

Ion Ratio Lower Upper

225 100

223 0.0 53.0 79.6#

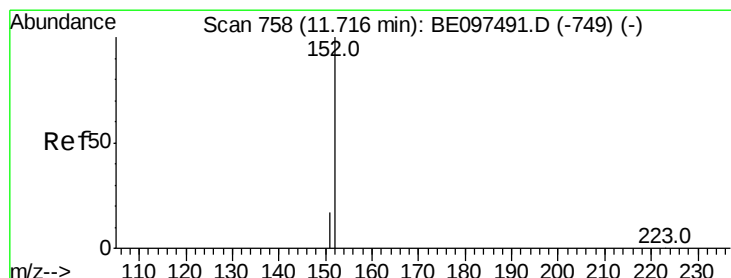
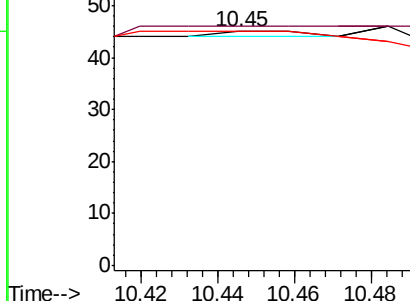
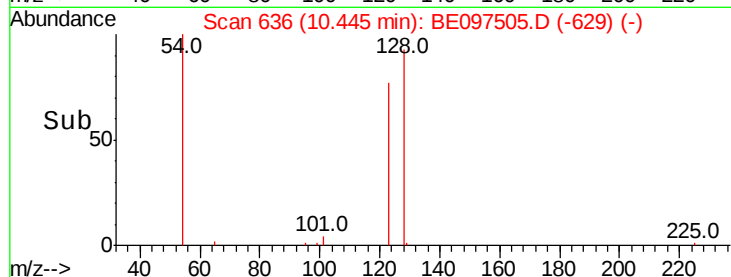
227 0.0 51.4 77.2#



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#11

2-Methylnaphthalene-d10

Concen: 0.426 ng

RT: 11.72 min Scan# 759

Delta R.T. 0.00 min

Lab File: BE097505.D

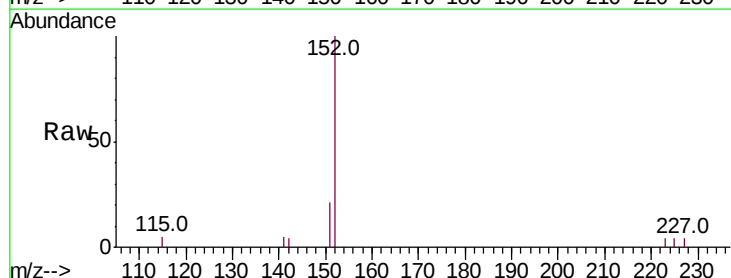
Acq: 17 Sep 2018 20:52

Tgt Ion:152 Resp: 2539

Ion Ratio Lower Upper

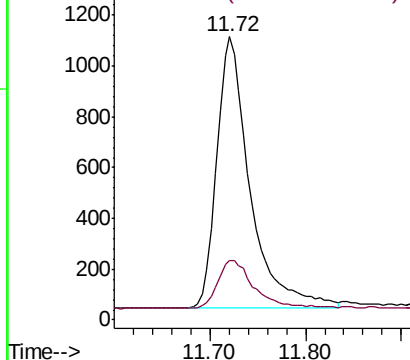
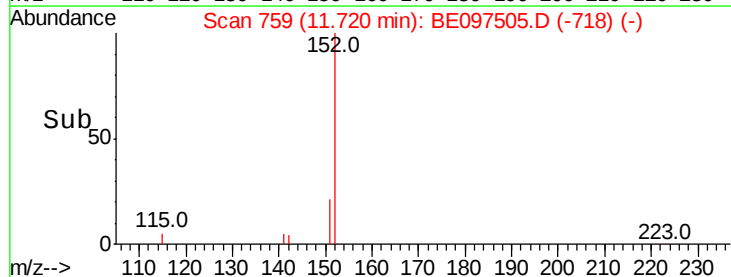
152 100

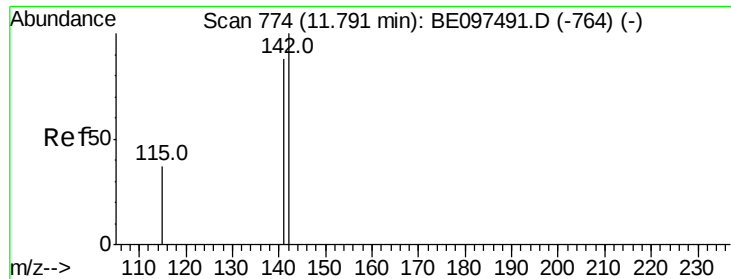
151 19.3 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

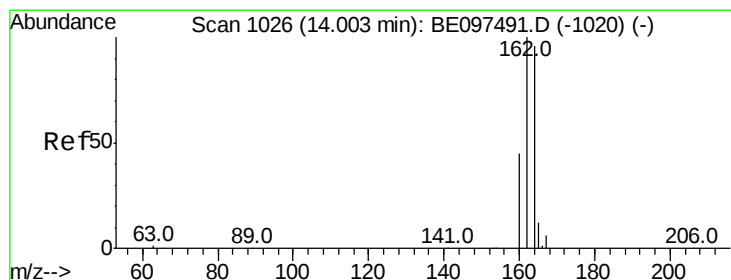
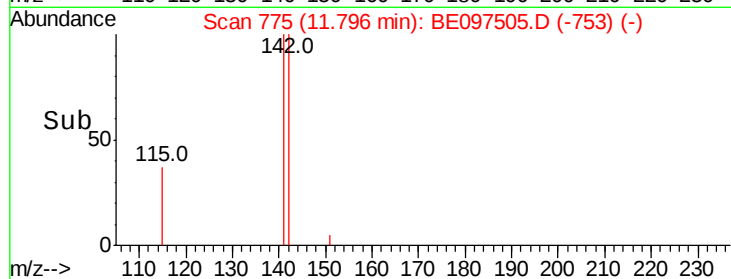
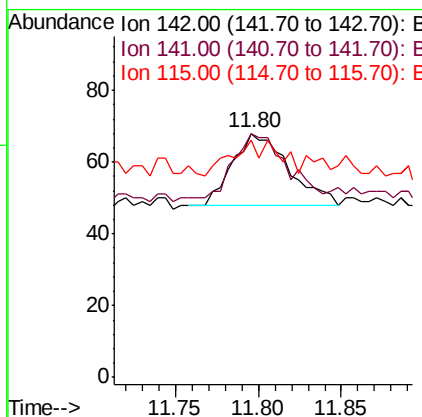
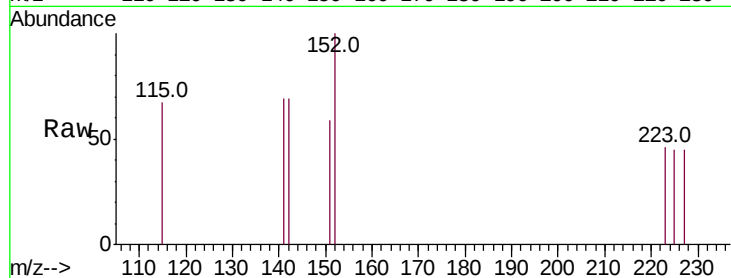




#12
2-Methylnaphthalene
Concen: 0.008 ng
RT: 11.80 min Scan# 775
Delta R.T. 0.00 min
Lab File: BE097505.D
Acq: 17 Sep 2018 20:52

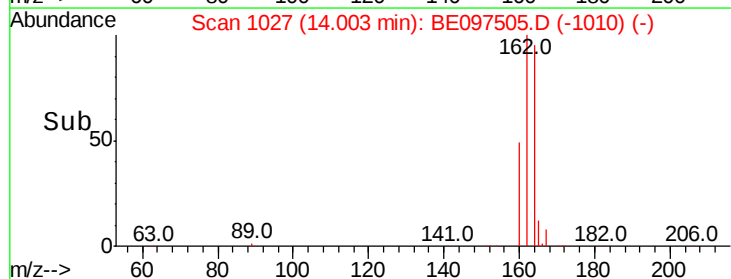
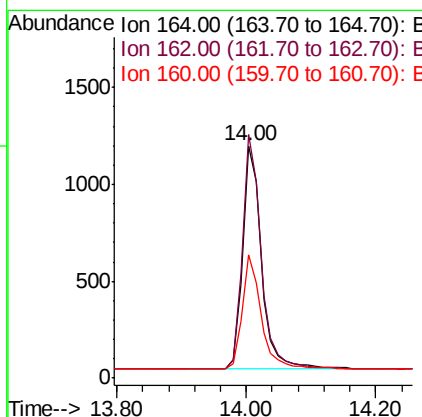
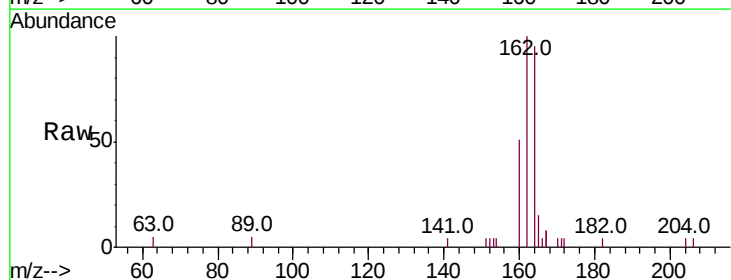
Instrument :
BNA_E
ClientSampleId :

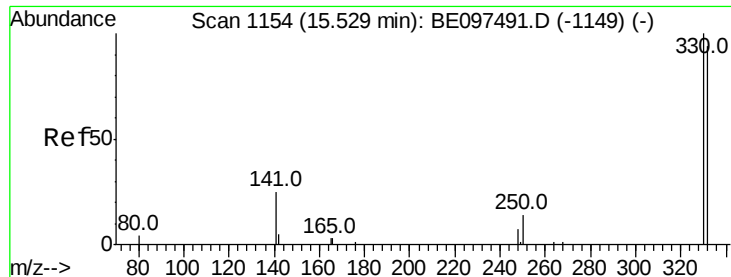
Tot Ion:142 Resp: 47
Ion Ratio Lower Upper
142 100
141 100.0 70.4 105.6
115 97.1 31.7 47.5#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE097505.D
Acq: 17 Sep 2018 20:52

Tgt Ion:164 Resp: 2323
Ion Ratio Lower Upper
164 100
162 104.7 83.1 124.7
160 53.3 37.1 55.7

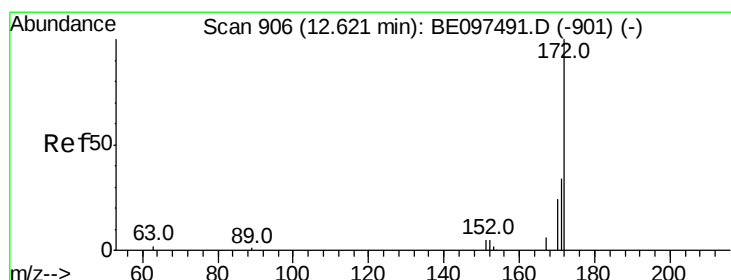
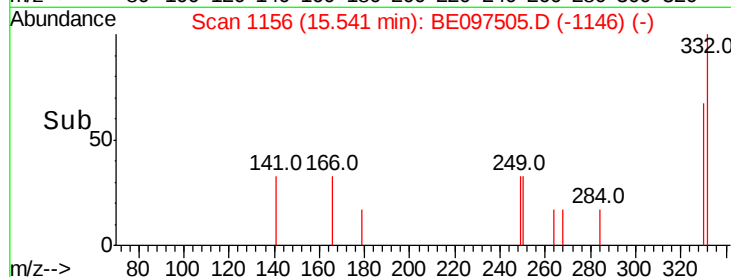
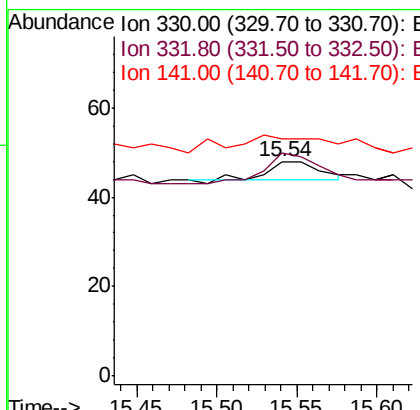
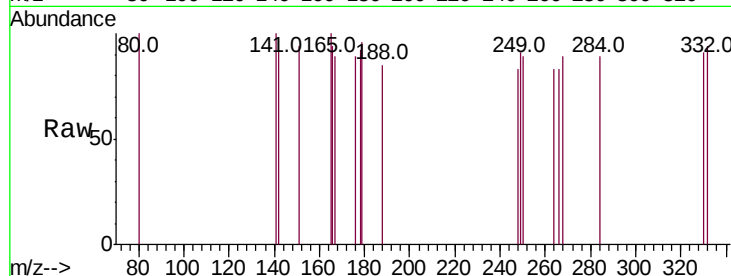




#14
 2,4,6-Tribromophenol
 Concen: 0.007 ng
 RT: 15.54 min Scan# 1156
 Delta R.T. 0.01 min
 Lab File: BE097505.D
 Acq: 17 Sep 2018 20:52

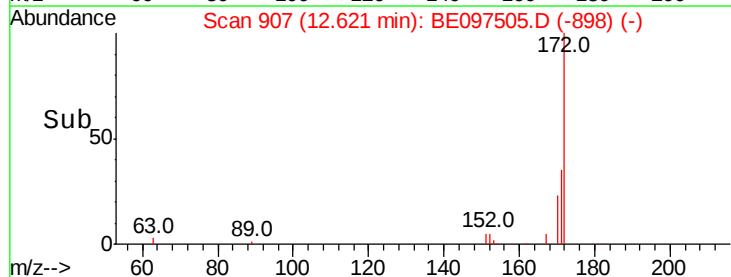
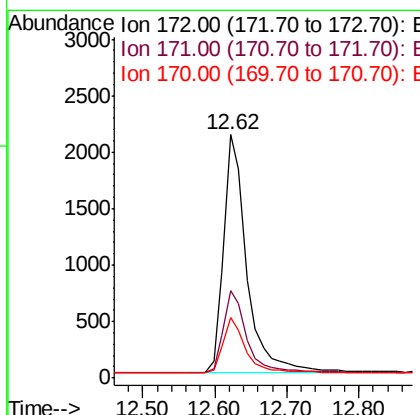
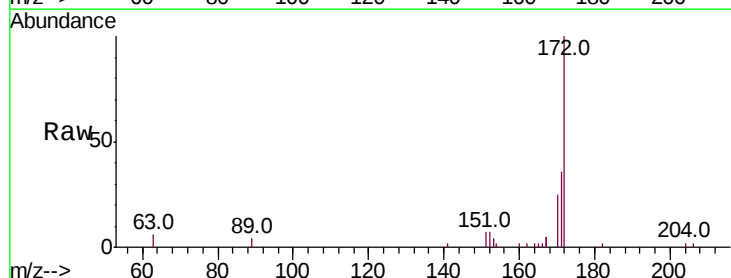
Instrument :
 BNA_E
 ClientSampleId :

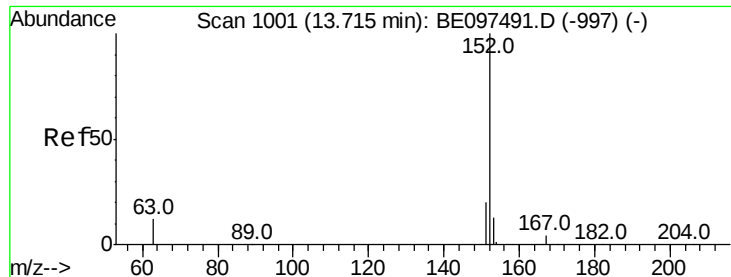
Tot Ion:330 Resp: 8
 Ion Ratio Lower Upper
 330 100
 332 212.5 152.7 229.1
 141 187.5 33.7 50.5#



#15
 2-Fluorobiphenyl
 Concen: 0.589 ng
 RT: 12.62 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: BE097505.D
 Acq: 17 Sep 2018 20:52

Tgt Ion:172 Resp: 4779
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.9 44.9
 170 24.8 21.8 32.8





#16

Acenaphthylene

Concen: 0.001 ng

RT: 13.72 min Scan# 1002

Delta R.T. 0.00 min

Lab File: BE097505.D

Acq: 17 Sep 2018 20:52

Instrument :

BNA_E

ClientSampleId :

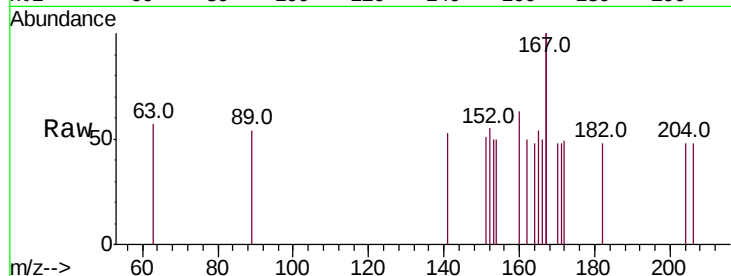
Tot Ion:152 Resp: 11

Ion Ratio Lower Upper

152 100

151 0.0 15.7 23.5#

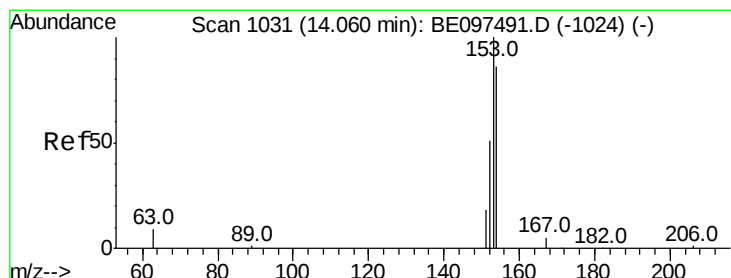
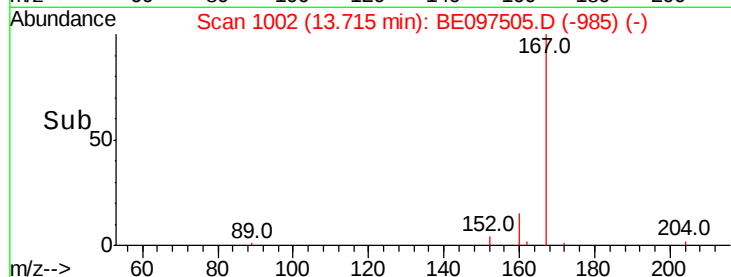
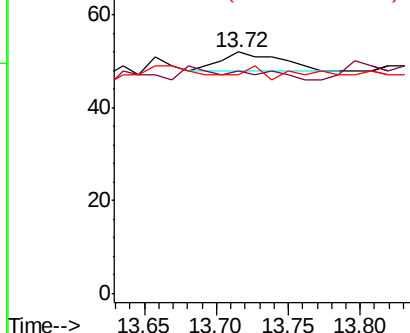
153 18.2 10.5 15.7#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#17

Acenaphthene

Concen: 0.001 ng

RT: 14.07 min Scan# 1033

Delta R.T. 0.01 min

Lab File: BE097505.D

Acq: 17 Sep 2018 20:52

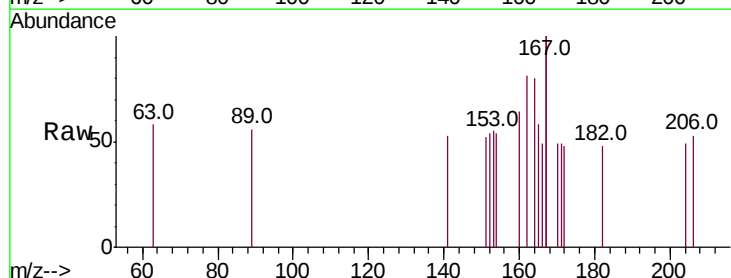
Tgt Ion:154 Resp: 9

Ion Ratio Lower Upper

154 100

153 166.7 89.2 133.8#

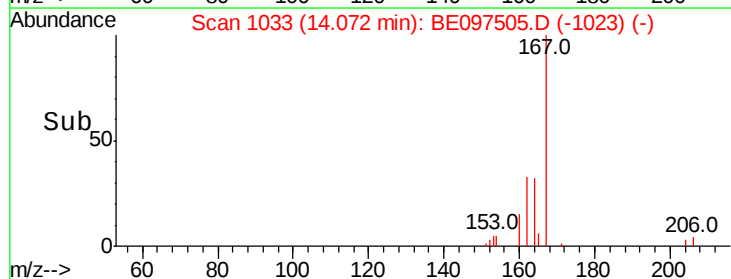
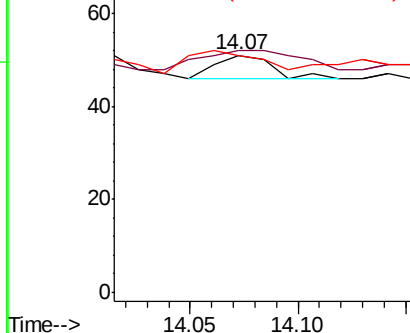
152 133.3 42.0 63.0#

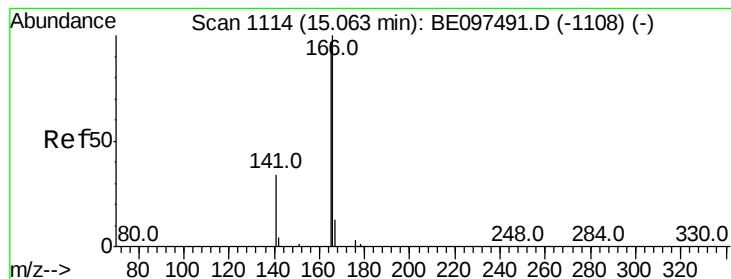


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 0.004 ng

RT: 15.07 min Scan# 1116

Delta R.T. 0.01 min

Lab File: BE097505.D

Acq: 17 Sep 2018 20:52

Instrument :

BNA_E

ClientSampleId :

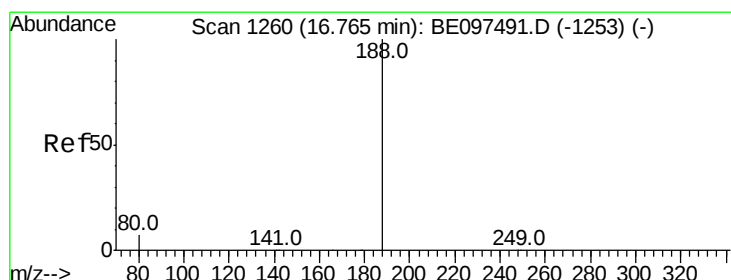
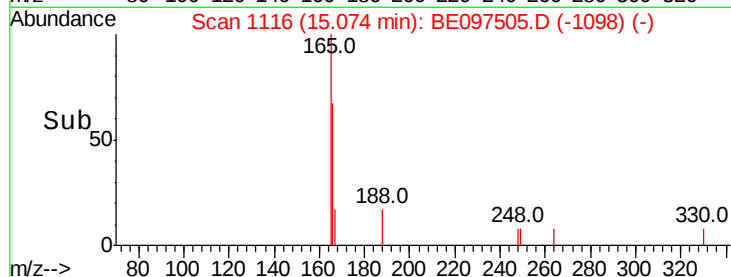
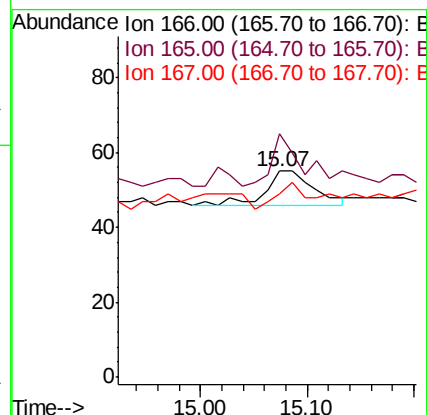
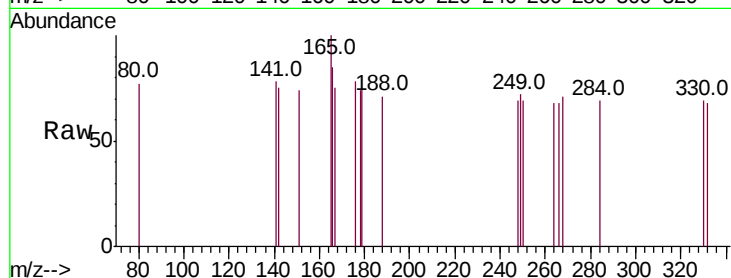
Tot Ion:166 Resp: 29

Ion Ratio Lower Upper

166 100

165 117.2 77.8 116.6#

167 44.8 42.4 63.6



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.76 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BE097505.D

Acq: 17 Sep 2018 20:52

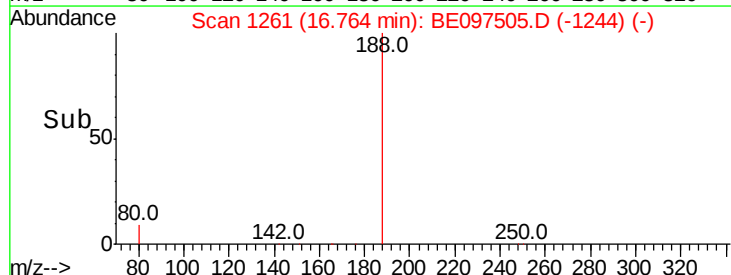
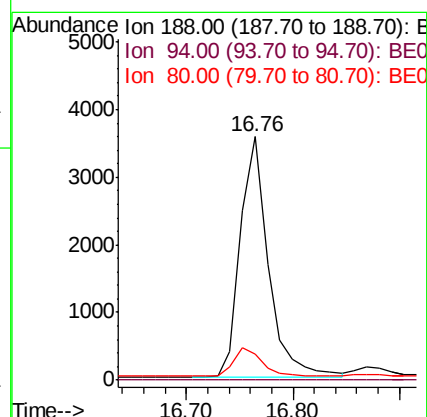
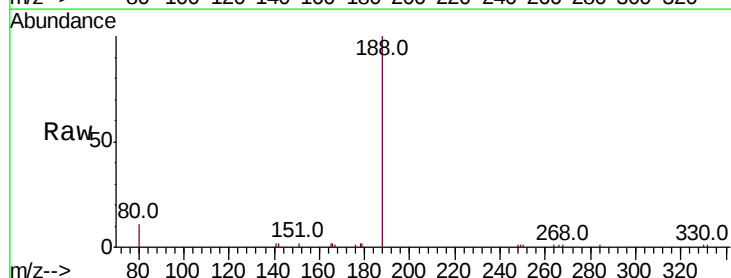
Tgt Ion:188 Resp: 6463

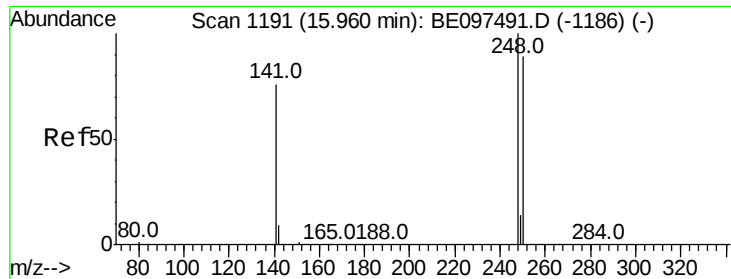
Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 10.6 3.6 5.4#

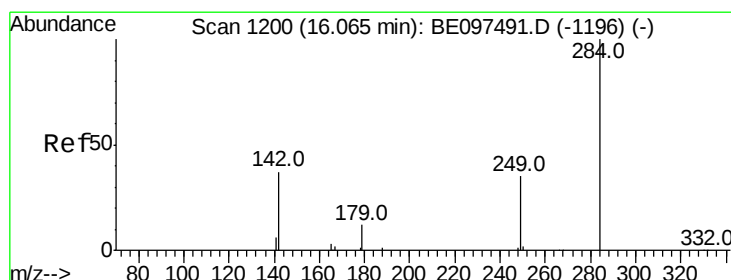
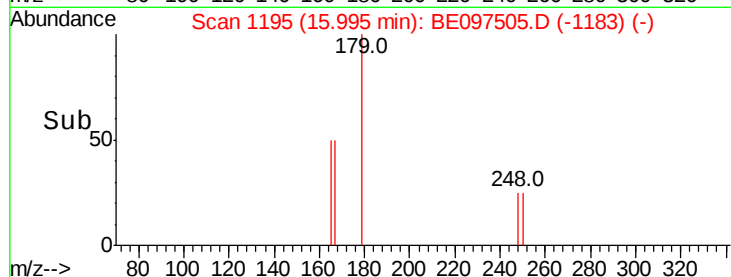
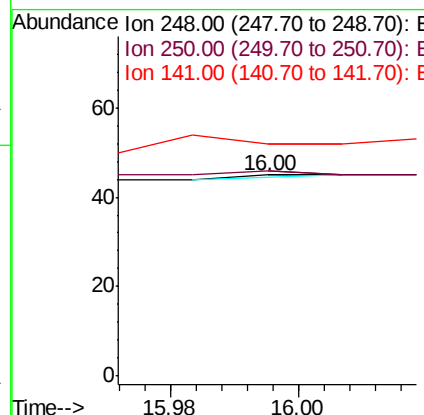
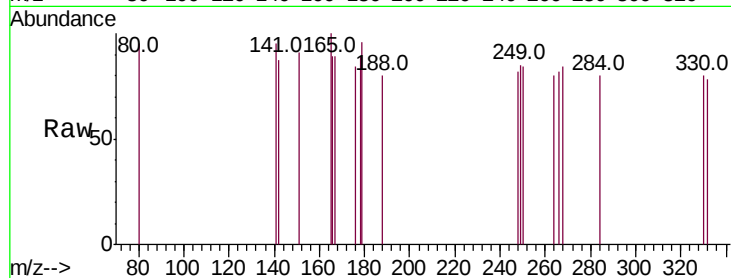




#20
4-Bromophenyl-phenylether
Concen: 0.000 ng
RT: 16.00 min Scan# 1195
Delta R.T. 0.03 min
Lab File: BE097505.D
Acq: 17 Sep 2018 20:52

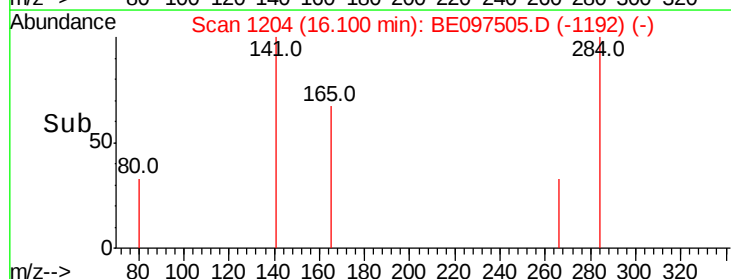
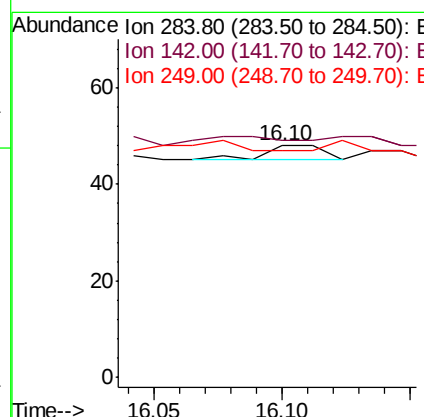
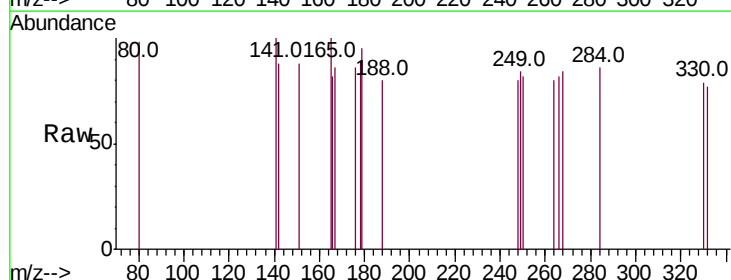
Instrument :
BNA_E
ClientSampleId :

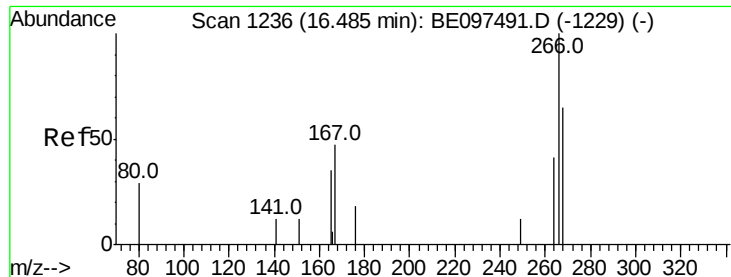
Tot Ion:248 Resp: 1
Ion Ratio Lower Upper
248 100
250 102.2 62.7 94.1#
141 115.6 48.2 72.2#



#21
Hexachlorobenzene
Concen: 0.002 ng
RT: 16.10 min Scan# 1204
Delta R.T. 0.03 min
Lab File: BE097505.D
Acq: 17 Sep 2018 20:52

Tgt Ion:284 Resp: 5
Ion Ratio Lower Upper
284 100
142 0.0 22.1 33.1#
249 0.0 34.8 52.2#





#22

Pentachlorophenol

Concen: 0.043 ng

RT: 16.47 min Scan# 1236

Delta R.T. -0.01 min

Lab File: BE097505.D

Acq: 17 Sep 2018 20:52

Instrument :

BNA_E

ClientSampleId :

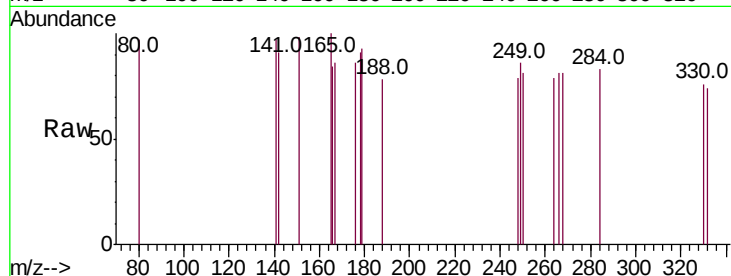
Tot Ion:266 Resp: 2

Ion Ratio Lower Upper

266 100

264 97.9 72.5 108.7

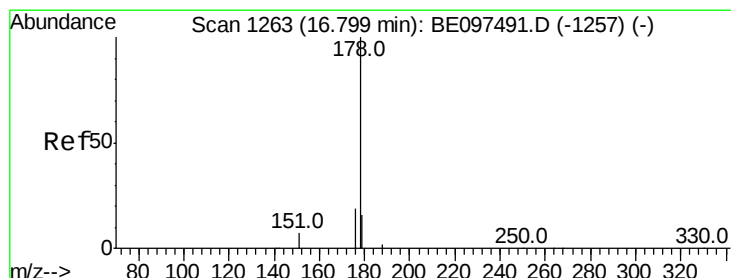
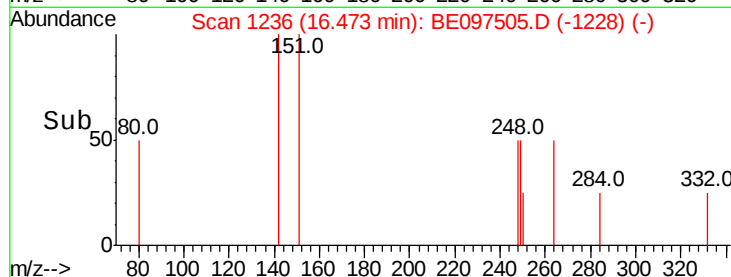
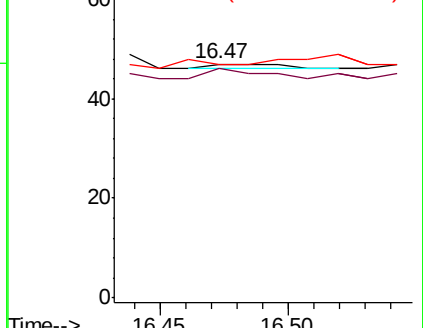
268 100.0 73.8 110.6



Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#23

Phenanthrene

Concen: 0.013 ng

RT: 16.80 min Scan# 1264

Delta R.T. -0.00 min

Lab File: BE097505.D

Acq: 17 Sep 2018 20:52

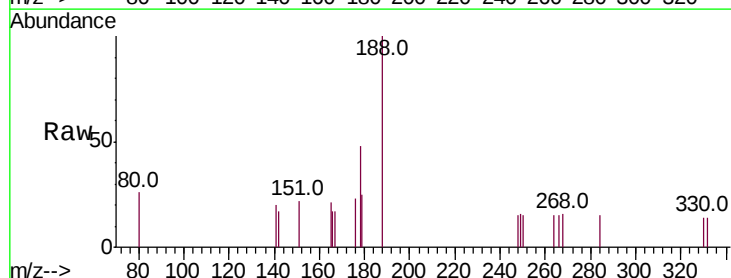
Tgt Ion:178 Resp: 195

Ion Ratio Lower Upper

178 100

176 23.6 15.1 22.7#

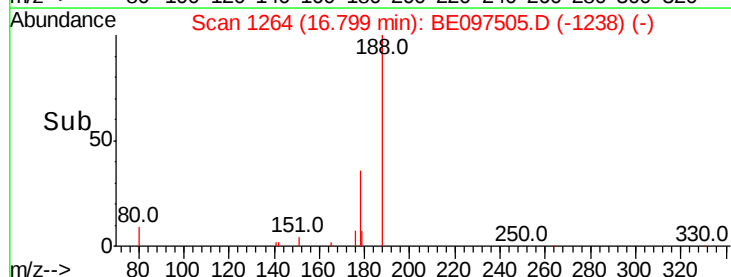
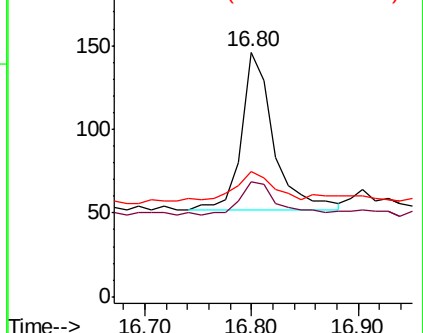
179 28.2 11.8 17.6#

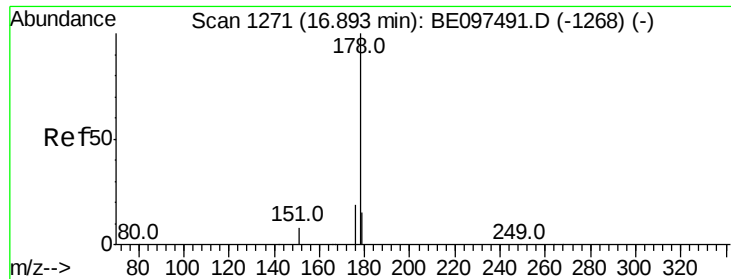


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: 0.001 ng

RT: 16.90 min Scan# 1273

Delta R.T. 0.01 min

Lab File: BE097505.D

Acq: 17 Sep 2018 20:52

Instrument :

BNA_E

ClientSampled :

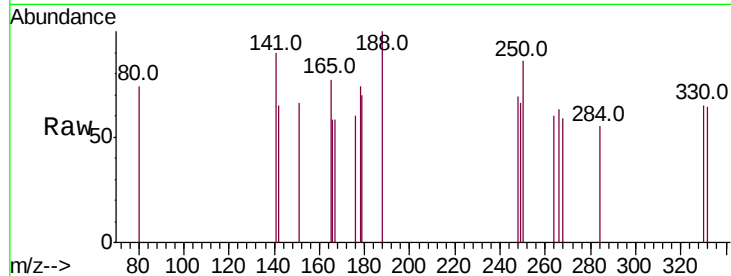
Tot Ion:178 Resp: 14

Ion Ratio Lower Upper

178 100

176 50.0 12.8 19.2#

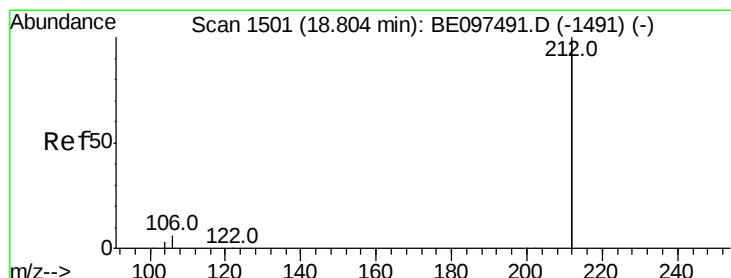
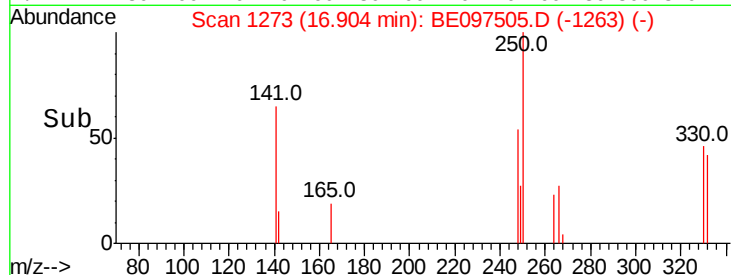
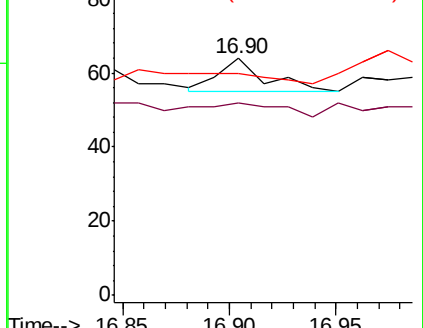
179 0.0 13.0 19.6#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#25

Fluoranthene-d10

Concen: 0.515 ng

RT: 18.80 min Scan# 1502

Delta R.T. 0.00 min

Lab File: BE097505.D

Acq: 17 Sep 2018 20:52

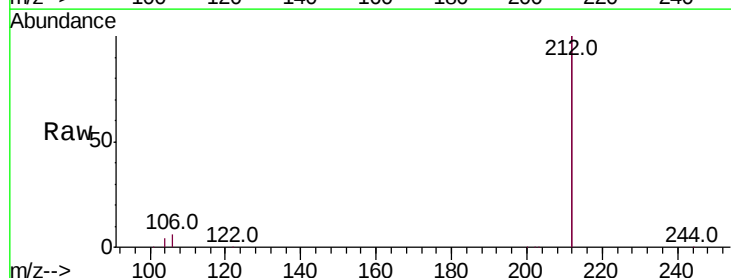
Tgt Ion:212 Resp: 39960

Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

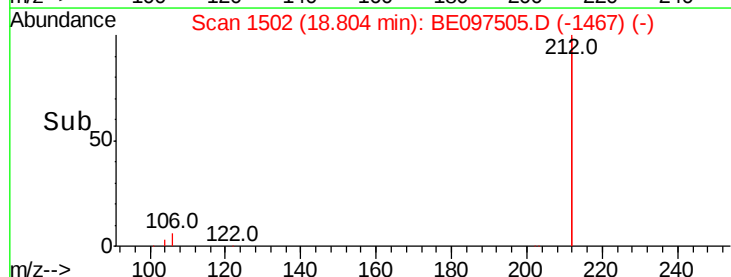
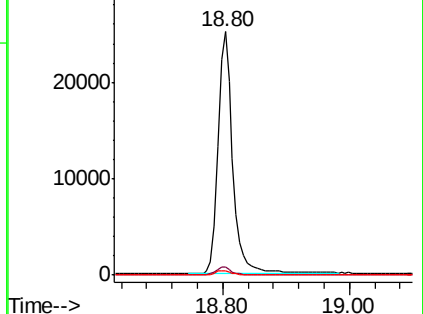
104 1.8 1.6 2.4

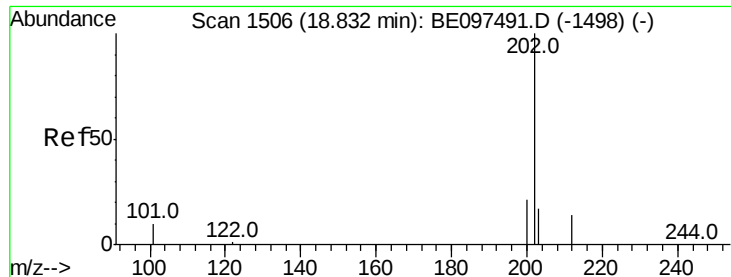


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#26

Fluoranthene

Concen: 0.005 ng

RT: 18.83 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BE097505.D

Acq: 17 Sep 2018 20:52

Instrument :

BNA_E

ClientSampleId :

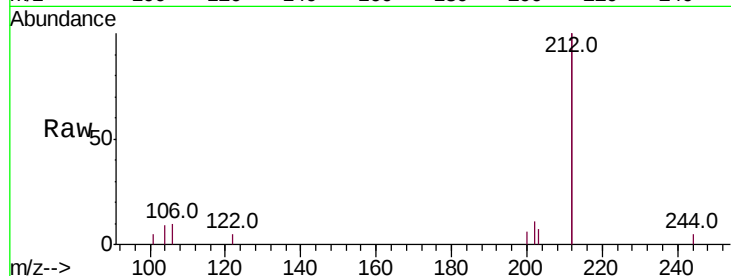
Tot Ion:202 Resp: 104

Ion Ratio Lower Upper

202 100

101 4.8 9.8 14.8#

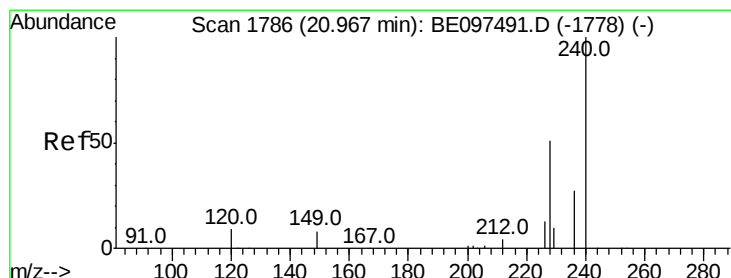
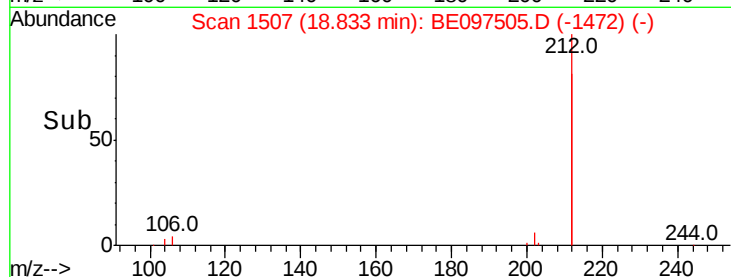
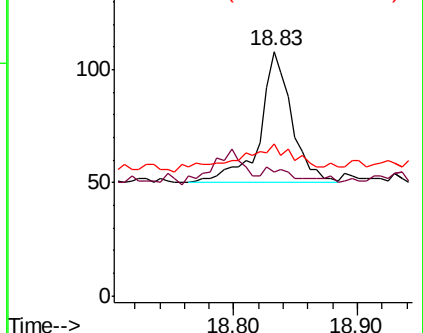
203 41.3 13.7 20.5#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#27

Chrysene-d12

Concen: 0.400 ng

RT: 20.97 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BE097505.D

Acq: 17 Sep 2018 20:52

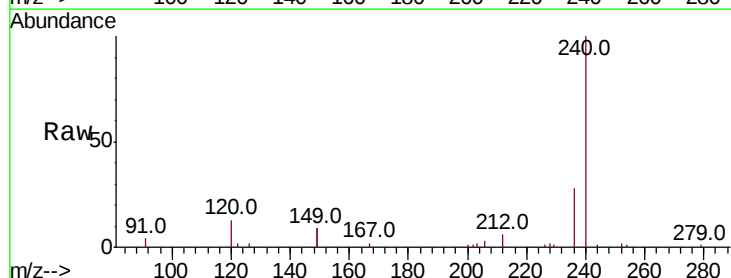
Tgt Ion:240 Resp: 8593

Ion Ratio Lower Upper

240 100

120 13.1 5.5 8.3#

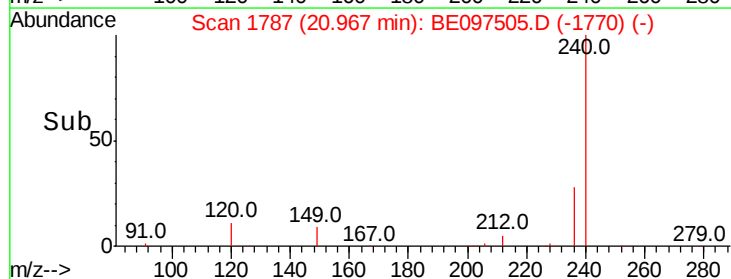
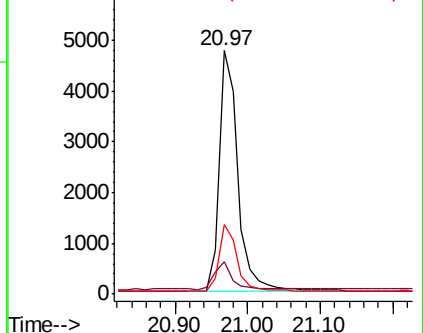
236 28.5 20.7 31.1

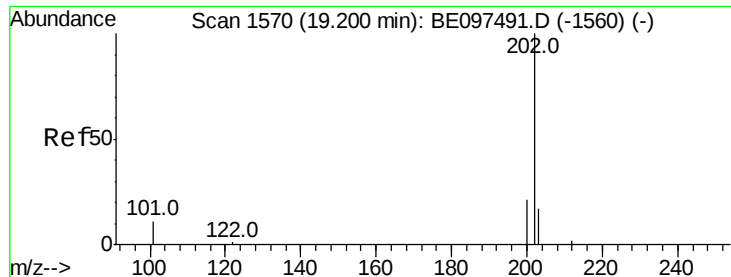


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#28

Pvrene

Concen: 0.004 ng

RT: 19.20 min Scan# 1571

Delta R.T. 0.00 min

Lab File: BE097505.D

Acq: 17 Sep 2018 20:52

Instrument :

BNA_E

ClientSampleId :

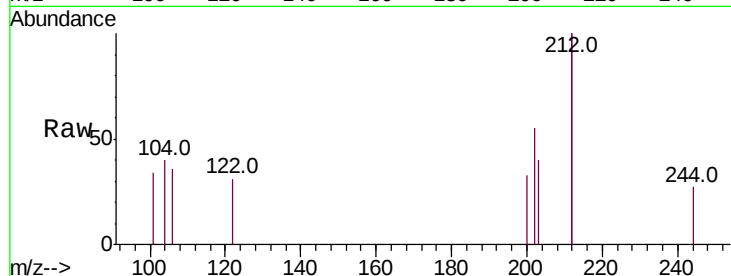
Tot Ion:202 Resp: 89

Ion Ratio Lower Upper

202 100

200 13.5 16.6 25.0#

203 24.7 13.8 20.8#

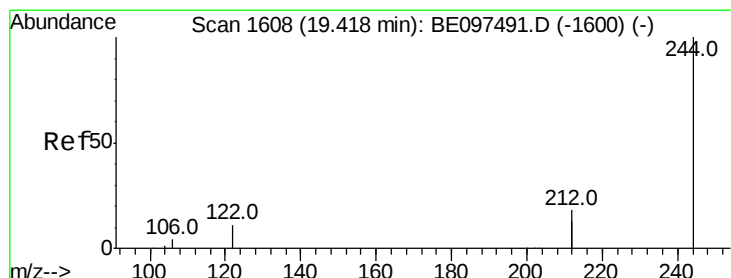
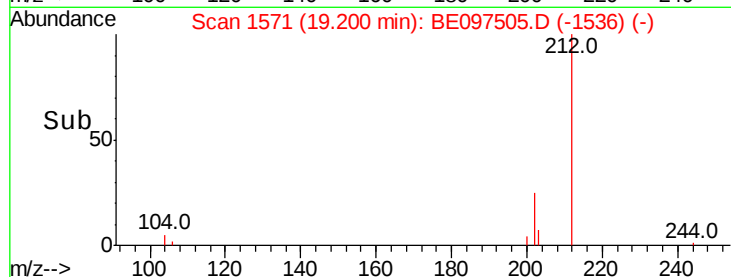
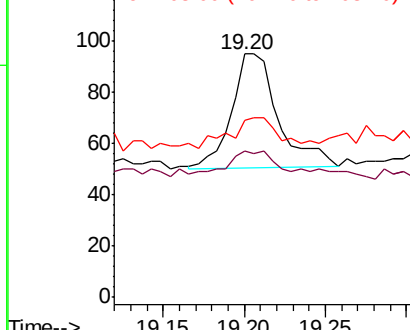


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#29

Terphenyl-d14

Concen: 0.486 ng

RT: 19.42 min Scan# 1609

Delta R.T. 0.00 min

Lab File: BE097505.D

Acq: 17 Sep 2018 20:52

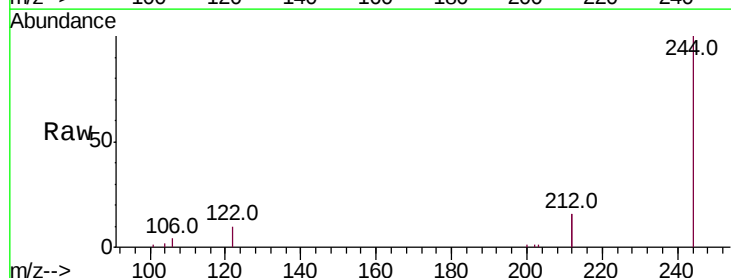
Tgt Ion:244 Resp: 7988

Ion Ratio Lower Upper

244 100

212 31.8 25.4 38.0

122 10.2 8.1 12.1

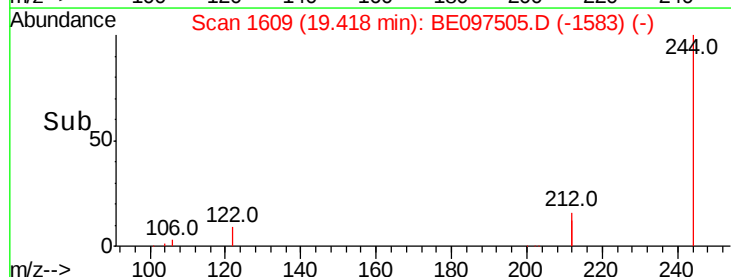
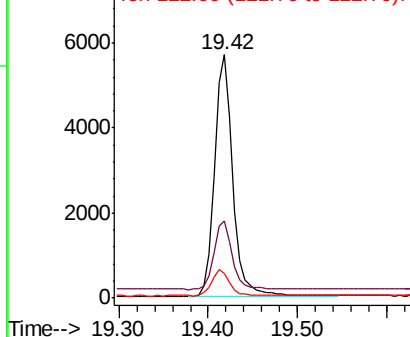


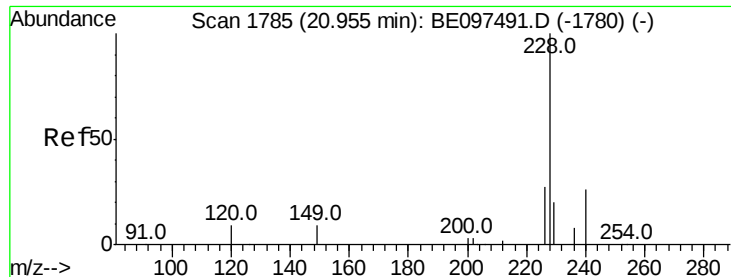
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Benzo(a)anthracene

Concen: 0.002 ng

RT: 20.97 min Scan# 1787

Delta R.T. 0.01 min

Lab File: BE097505.D

Acq: 17 Sep 2018 20:52

Instrument :

BNA_E

ClientSampleId :

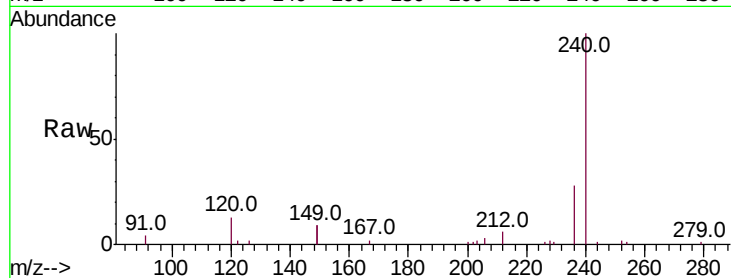
Tot Ion:228 Resp: 54

Ion Ratio Lower Upper

228 100

226 76.3 24.0 36.0#

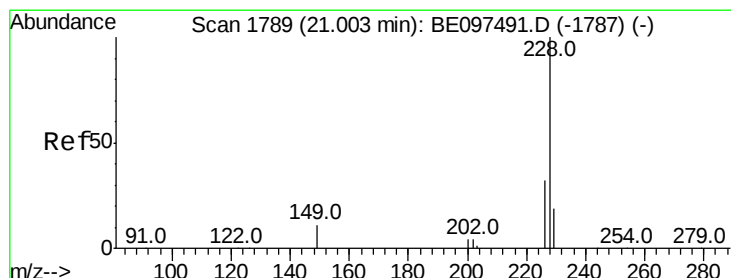
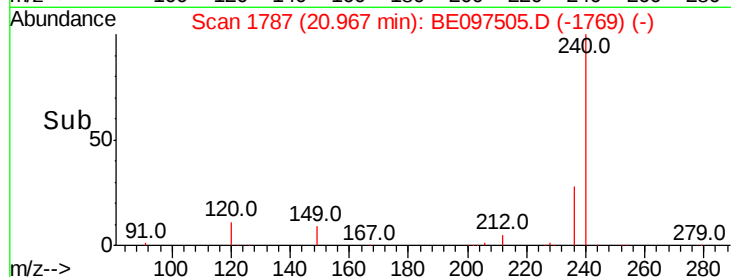
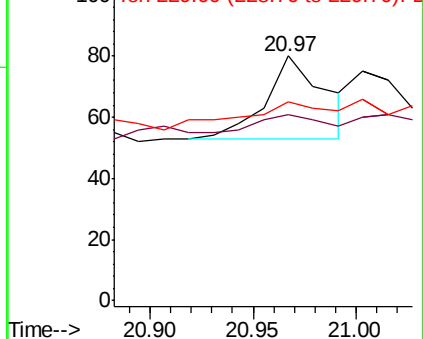
229 81.3 16.0 24.0#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#31

Chrysene

Concen: 0.002 ng

RT: 20.97 min Scan# 1787

Delta R.T. -0.04 min

Lab File: BE097505.D

Acq: 17 Sep 2018 20:52

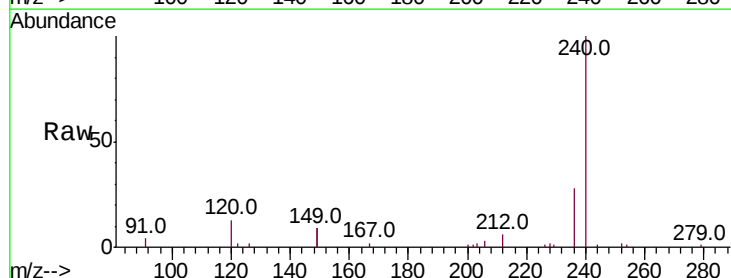
Tgt Ion:228 Resp: 50

Ion Ratio Lower Upper

228 100

226 76.3 24.0 36.0#

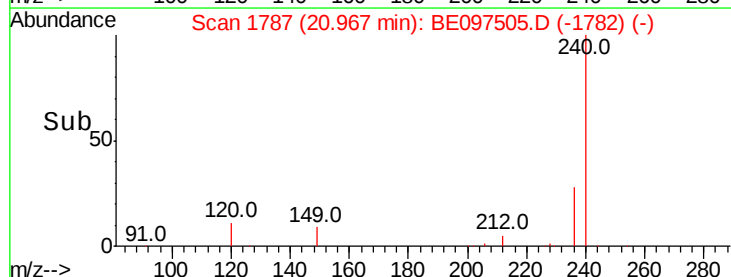
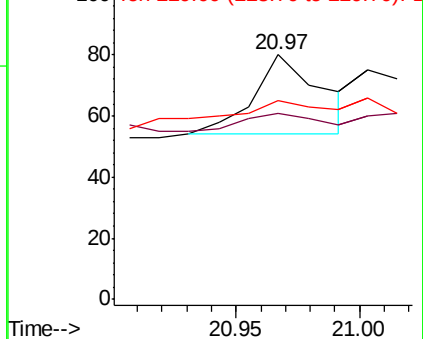
229 81.3 16.0 24.0#

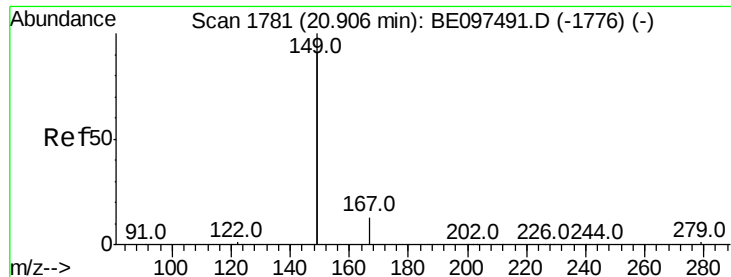


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

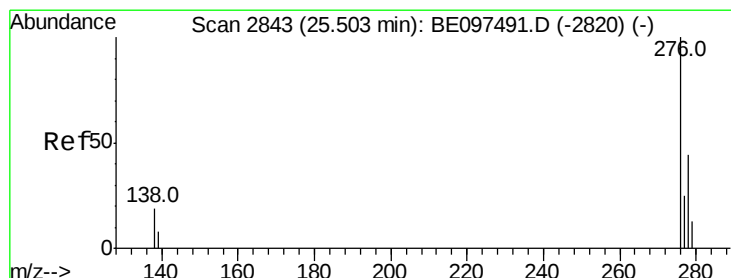
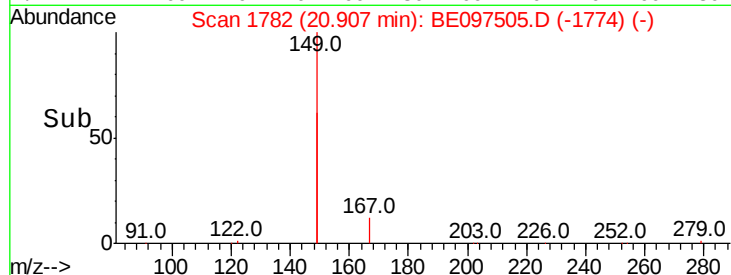
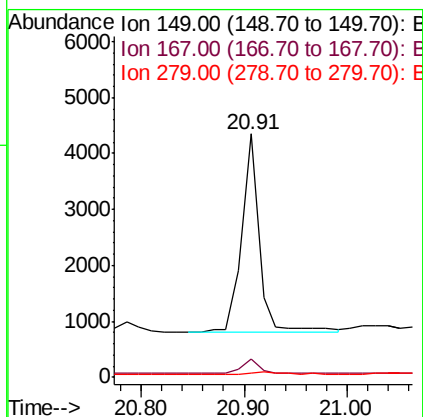
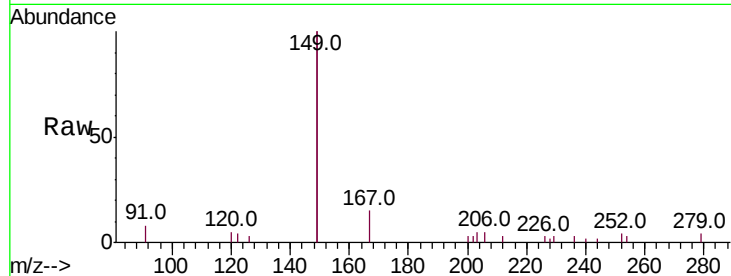




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.088 ng
 RT: 20.91 min Scan# 1782
 Delta R.T. 0.00 min
 Lab File: BE097505.D
 Acq: 17 Sep 2018 20:52

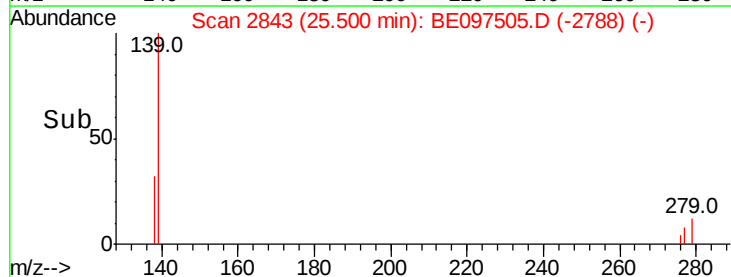
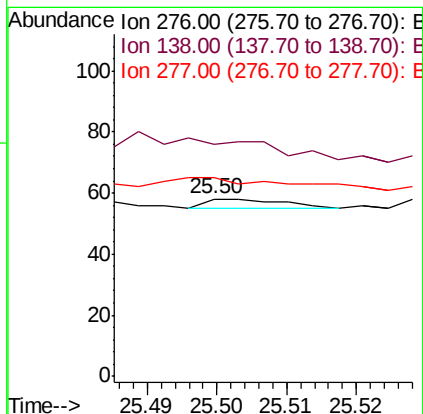
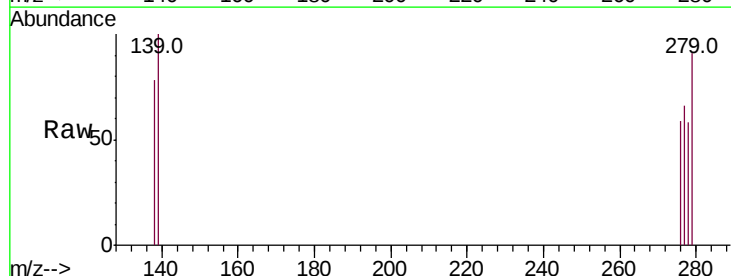
Instrument :
 BNA_E
 ClientSampleId :

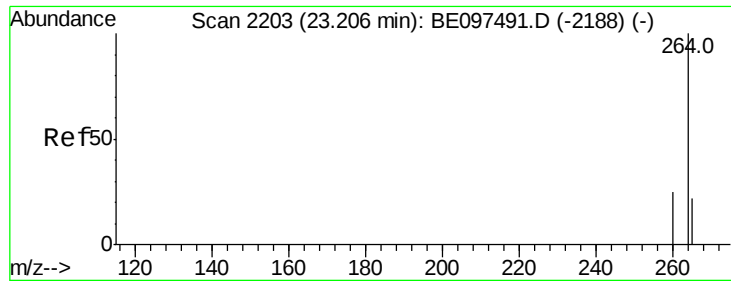
Tot Ion:149 Resp: 4231
 Ion Ratio Lower Upper
 149 100
 167 6.8 5.4 8.0
 279 1.5 0.7 1.1#



#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.000 ng
 RT: 25.50 min Scan# 2843
 Delta R.T. -0.00 min
 Lab File: BE097505.D
 Acq: 17 Sep 2018 20:52

Tgt Ion:276 Resp: 2
 Ion Ratio Lower Upper
 276 100
 138 750.0 22.5 33.7#
 277 250.0 19.9 29.9#

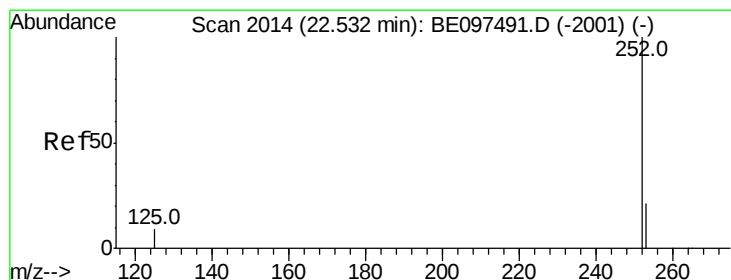
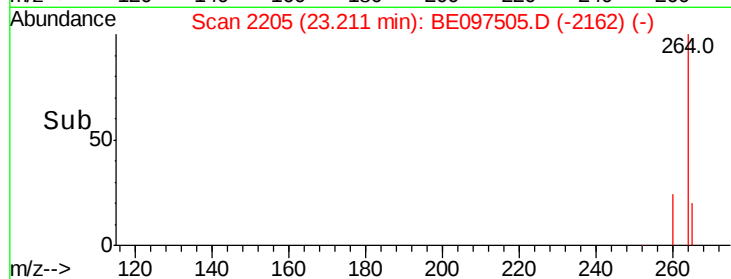
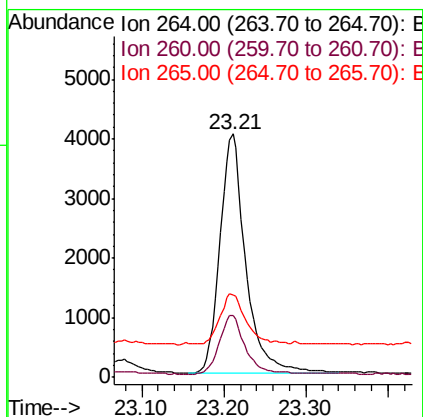
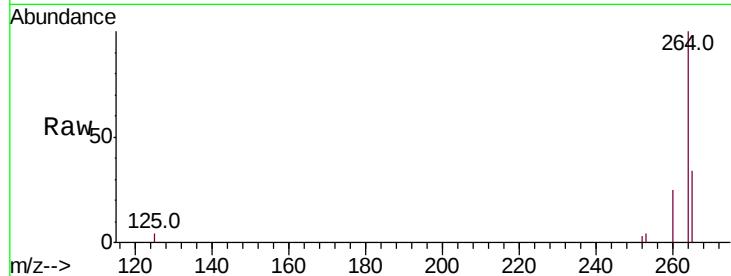




#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2205
Delta R.T. 0.00 min
Lab File: BE097505.D
Acq: 17 Sep 2018 20:52

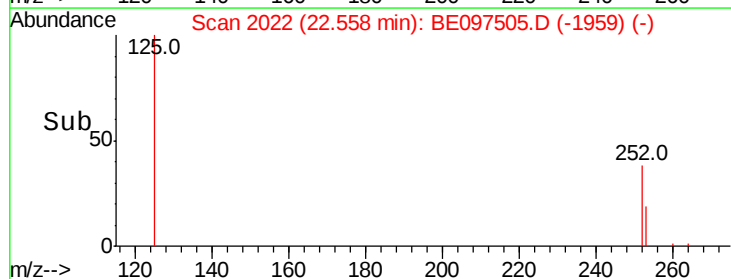
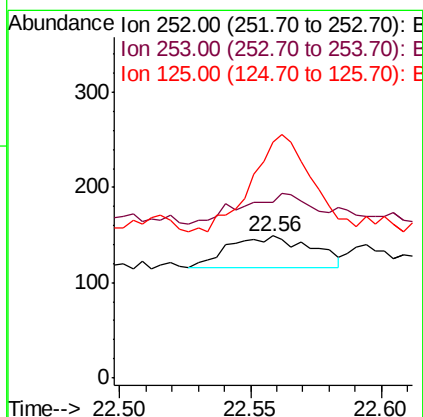
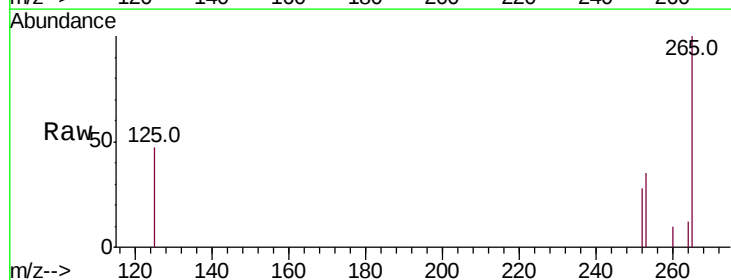
Instrument :
BNA_E
ClientSampleId :

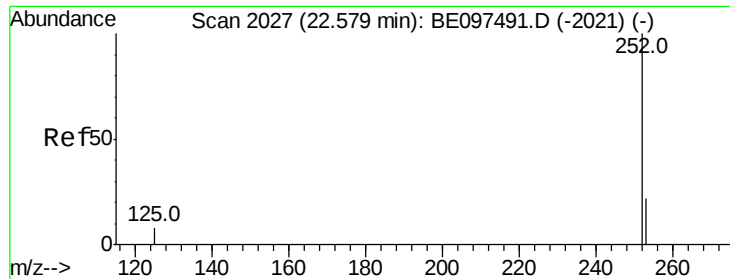
Tot Ion:264 Resp: 8759
Ion Ratio Lower Upper
264 100
260 25.3 20.5 30.7
265 34.1 22.8 34.2



#35
Benzo(b)fluoranthene
Concen: 0.003 ng
RT: 22.56 min Scan# 2022
Delta R.T. 0.03 min
Lab File: BE097505.D
Acq: 17 Sep 2018 20:52

Tgt Ion:252 Resp: 72
Ion Ratio Lower Upper
252 100
253 123.5 20.0 30.0#
125 166.4 16.0 24.0#





#36

Benzo(k)fluoranthene

Concen: 0.001 ng

RT: 22.59 min Scan# 2032

Delta R.T. 0.02 min

Lab File: BE097505.D

Acq: 17 Sep 2018 20:52

Instrument :

BNA_E

ClientSampleId :

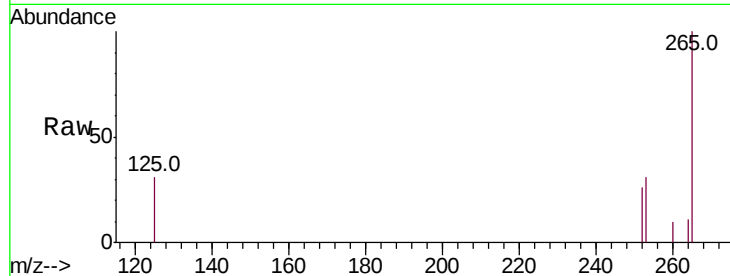
Tot Ion:252 Resp: 22

Ion Ratio Lower Upper

252 100

253 120.7 16.0 24.0#

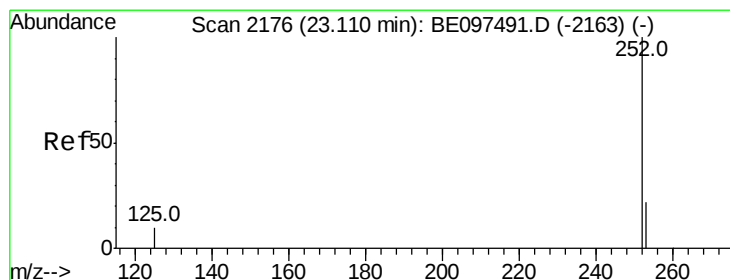
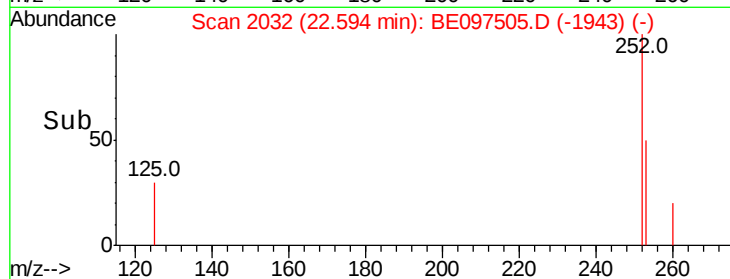
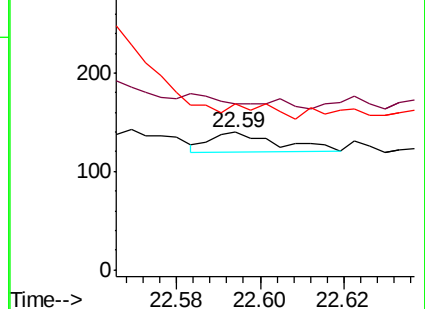
125 120.7 8.0 12.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#37

Benzo(a)pyrene

Concen: 0.000 ng

RT: 23.10 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BE097505.D

Acq: 17 Sep 2018 20:52

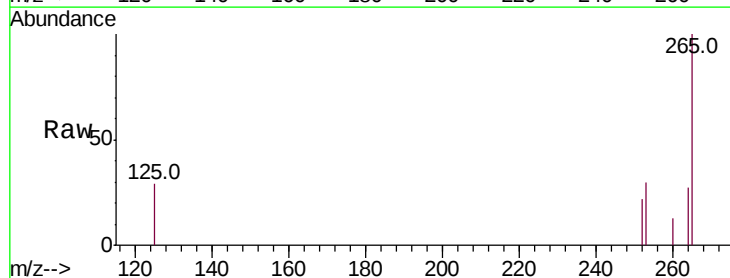
Tgt Ion:252 Resp: 6

Ion Ratio Lower Upper

252 100

253 133.3 16.0 24.0#

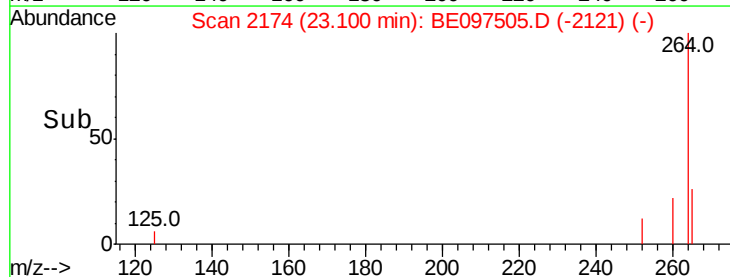
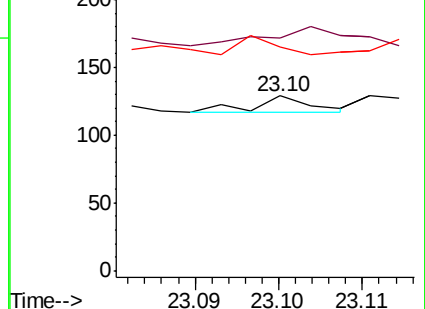
125 127.9 12.0 18.0#

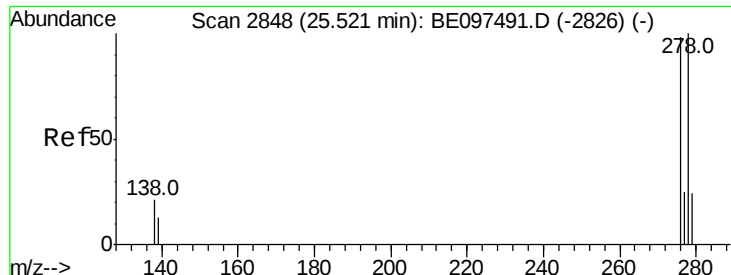


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#38

Dibenzo(a,h)anthracene

Concen: 0.000 ng

RT: 25.52 min Scan# 2848

Delta R.T. -0.00 min

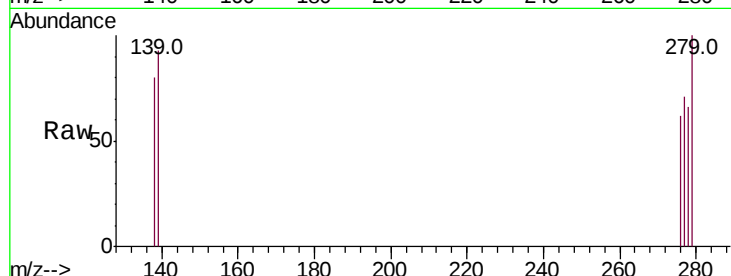
Lab File: BE097505.D

Acq: 17 Sep 2018 20:52

Instrument :

BNA_E

ClientSampled :



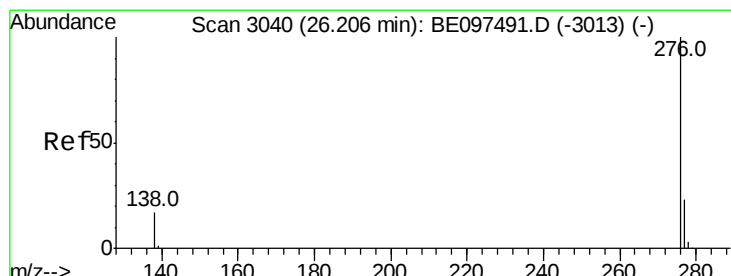
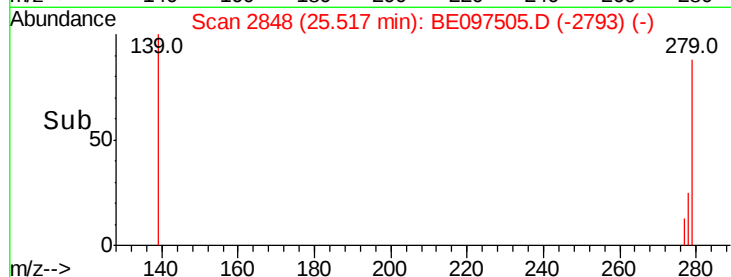
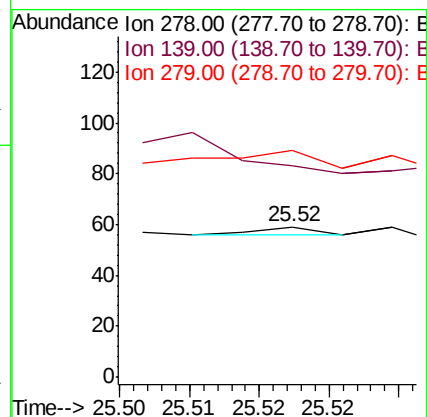
Tot Ion:278 Resp: 1

Ion Ratio Lower Upper

278 100

139 140.7 16.0 24.0#

279 150.8 20.0 30.0#



#39

Benzo(g,h,i)perylene

Concen: 0.000 ng

RT: 26.21 min Scan# 3043

Delta R.T. 0.01 min

Lab File: BE097505.D

Acq: 17 Sep 2018 20:52

Tgt Ion:276 Resp: 1

Ion Ratio Lower Upper

276 100

277 107.0 16.0 24.0#

138 122.8 20.0 30.0#

